

TECHNICAL DOCUMENT AND RESEARCH CENTER KING COUNTY DEPARTMENT OF NATURAL RESOURCES AND PARKS

PRE-CONSTRUCTION SEDIMENT CHARACTERIZATION STUDY DENNY WAY/LAKE UNION CSO CONTROL PROJECT

FINAL REPORT

MARINE SEDIMENT CHEMISTRY
BENTHIC INFAUNA COMMUNITY ASSEMBLAGE
SEDIMENT PROFILE IMAGING AND VIDEO SURVEY

Prepared for the

King County Department of Natural Resources Wastewater Treatment Division

by the

King County Department of Natural Resources Water and Land Resources Division

King County Department of Natural Resources Wastewater Treatment Division 201 South Jackson Street, Suite 501 Seattle, Washington 98104

October 2001

KCR 1685





MEMORANDUM

DATE: October 31, 2001

To: Recipients

FROM: Scott Mickelson

Marine Monitoring Group

SUBJ: Transmittal of Final Report

Pre-Construction Sediment Characterization Study Denny Way/Lake Union CSO Control Project

This document transmits results of a pre-construction sediment characterization study performed by King County for the Denny Way/Lake Union Combined Sewer Overflow (CSO) Control Project. This work was performed to establish a baseline for sediment quality prior to construction of two CSO outfalls into Elliott Bay offshore of Myrtle Edwards Park in Seattle. The study is the initiation of a long-term sediment monitoring program, which will meet requirements of the Biological Opinion WSB-00-039 issued for the CSO control project by the Nation Marine Fisheries Service under the Endangered Species Act (16 U.S.C. 1531 et seq.).

This document includes the following reports and associated appendices:

- Marine Sediment Chemistry Prepared by the King County Department of Natural Resources, Water and Land Resources Division, Marine Monitoring Group; Seattle, Washington.
- Benthic Infauna Community Assemblage Prepared by the King County Department of Natural Resources, Water and Land Resources Division, Marine Monitoring Group; Seattle, Washington.
- Sediment Profile Imaging and Video Survey Data Report Prepared by Striplin Environmental Associates, Inc.; Olympia, Washington.

Should you have any questions regarding this document or the data included herein, please contact me at (206) 296-8247 (phone), (206) 296-0192 (fax), or scott.mickelson@metrokc.gov (e-mail).

DEPARTMENT OF NATURAL RESOURCES
WATER AND LAND RESOURCES DIVISION
201 South Jackson Street - Suite 600
Seattle, Washington 98104

(206) 296-6519 phone (206) 296-0192 fax

PRE-CONSTRUCTION SEDIMENT CHARACTERIZATION STUDY DENNY WAY/LAKE UNION CSO CONTROL PROJECT

FINAL REPORT MARINE SEDIMENT CHEMISTRY

Prepared for the

King County Department of Natural Resources
Wastewater Treatment Division

by

Scott Mickelson
King County Department of Natural Resources
Water and Land Resources Division
Marine Monitoring Group

King County Department of Natural Resources
Wastewater Treatment Division
201 South Jackson Street, Suite 501
Seattle, Washington 98104
(206) 684-1280

September 2001



TABLE OF CONTENTS

1 Introduc	etion	
1.1 Proje	ect Background	
_	Description	
2 Sample C		
2.1 Sam	ple Locations and Station Positioning	
	ple Collection and Handling	
3 Sample A	Analysis	
3.1 Conv	ventionals	
3.2 Trace	e Metals	
3.3 Trace	e Organics	
	ity Assurance/Quality Control (QA/QC)	
4 Analytic		
•	ventionals	
4.2 Trace	e Metals	
4.3 Trace	e Organics	
	Non-Ionic BNAs	
	4.3.1.1 Polynuclear Aromatic Hydrocarbons (PAHs)	
	4.3.1.2 Chlorobenzenes	
	4.3.1.3 Phthalates	
4.3.2	2 Ionic BNAs	
4.3.3	3 Chlorinated Pesticides	
4.3.4	4 PCBs	
4.3.5	5 Volatile Organic Compounds	
5 Summar	y and Conclusions	
6 Reference	ees	
List of Figu	res	
_	ite Vicinity Map	
_	ediment Chemistry Stations	
_	Relative Concentrations of Mercury	
•	Relative Concentrations of Benzyl Butyl Phthalate	
_	Relative Concentrations of Bis(2-ethylhexyl) Phthalate	
	Relative Concentrations of Total DDT	
_	telative Concentrations of Total PCBs	
	tations Exceeding a CSL Concentration	
List of Tabl		
	ediment Chemistry Sample Location Coordinates	
rable 2 – Su	mmary of Marine Sediment Chemistry Analytical Results	
List of App	endices	
	- Complete Chemistry Analytical Results	
	- Sediment Chemistry Quality Assurance Review	

1 Introduction

This report presents results of a pre-construction, baseline characterization study of surface sediment quality near an existing outfall and planned outfalls serving King County's Denny Way/Lake Union combined sewer overflow (CSO) control project. The report includes a project background, descriptions of sampling and analytical methodologies, a summary of chemistry analytical results, and conclusions. Appendices to the report include complete analytical results and a quality assurance review of the chemistry data. This work is being performed as part of a long-term sediment monitoring program to meet requirements of Biological Opinion WSB-00-039 (NMFS, 2000) issued for the project by the National Marine Fisheries Service (NMFS) under the Endangered Species Act (16 U.S.C. 1531 et seq.).

1.1 Project Background

The Denny Way/Lake Union CSO control project is a joint effort of King County's Wastewater Treatment Division and Seattle Public Utilities to control City and County CSO discharges into Lake Union and the Denny Way CSO into Elliott Bay. The project will include construction of two outfalls into Elliott Bay: a 490-foot outfall at a depth of approximately 60 to 70 feet referenced to mean lower low water (MLLW) that will discharge treated CSO effluent during moderately heavy storm events; and a 100-foot extension of the existing outfall to a depth of approximately 20 feet MLLW that will discharge untreated CSO effluent to Elliott Bay during the once-per-year event when flows exceed system capacity. Additional project information may be found in the project Environmental Impact Statement/Environmental Assessment document (King County, City of Seattle, and EPA, 1998).

Pursuant to the Biological Opinion, King County developed a sediment monitoring plan to monitor the benthic environment surrounding the CSO outfalls. The primary goal of the sediment monitoring plan is to produce scientific data of known quality that can be used to determine whether implementation of the Denny Way/Lake Union CSO control project and future operation of the facility has caused an impact to the biological communities in the marine environment surrounding the CSO outfalls. If operation of the CSO facility causes increased contamination of marine sediments in the surrounding area to levels that exceed published sediment quality criteria, the monitoring program will identify such contamination and help King County and associated agencies develop a response plan. The sampling event described in this report was intended to evaluate the chemical conditions of marine sediment in the vicinity of the existing and planned CSO outfalls, prior to construction.

1.2 Site Description

The Denny Way/Lake Union CSO control project outfall and sediment monitoring site (Denny Way site) is located on the northeast side of Elliott Bay, adjacent to Myrtle Edwards Park in Seattle, Washington (Figure 1). The existing Denny Way CSO outfall is located in the intertidal zone and discharges directly onto the beach when storm events occur during low tides. The shoreline around the CSO is heavily armored with riprap. Bathymetry in the area is gently sloping.

The existing Denny Way CSO is the largest in King County's system and large volumes of combined storm water runoff and untreated sewage have historically been discharged at this location. In 1986, King County (then Metro) began a trial program to identify and reduce

toxicant inputs to the sewer system discharging through the Denny Way CSO. The Denny Way Sediment Cap was implemented in 1990 as a demonstration project to remediate nearby contaminated sediments. The cap is a 3-foot thick layer of clean sediment placed over three acres of contaminated sediment offshore of the outfall.

Sediment data from the Denny Way Sediment Cap monitoring program showed that surface sediments in the center of the cap were gradually becoming recontaminated with elevated concentrations of phthalate compounds, the highest concentrations detected at the monitoring station closest to the existing Denny Way CSO outfall (Striplin Environmental Associates [SEA], 1997). Elevated chemical concentrations in sediments surrounding the cap have also been detected (SEA, 1998). Chemicals of concern include polychlorinated biphenyls (PCBs), phthalate compounds, and mercury. Five areas of concern requiring some type of remediation have been identified in the vicinity of the Denny Way CSO outfall (SEA, 1999). Two of these areas are located inshore of the sediment cap and three are located offshore of the cap.

2 SAMPLE COLLECTION

The primary goal of the pre-construction sediment characterization study was to establish a baseline for sediment quality in the vicinity of the CSO control project outfalls. This baseline will be used as one benchmark to which results from post-construction and post-remediation sediment monitoring and future sediment monitoring during facility operation will be compared. The data quality objectives of the pre-construction sediment study necessary to meet sediment monitoring program goals are to:

- evaluate the areal extent and spatial variations of sediment chemical concentrations in the vicinity of the existing Denny Way CSO and new outfalls; and
- evaluate sediment chemical concentrations in the study area relative to current marine sediment quality standards of Chapter 173-204 WAC (Washington State Department of Ecology [Ecology], 1995) and the Puget Sound Dredged Disposal Analysis (PSDDA) program (Army Corps of Engineers [ACOE], 2000).

A full description of project data quality objectives may be found in the project sampling and analysis plan (SAP), issued prior to sampling activities (King County, 2001a). Results of benthic community assemblage sampling and analysis and sediment profile imaging/video survey studies, which were performed concurrently with sediment chemistry sampling and analysis may be found in separate reports (King County, 2001b and SEA, 2001). This section describes sampling activities including station positioning and sample collection and handling. All sampling activities were conducted following guidance suggested in the Puget Sound Protocols (Puget Sound Estuarine Program [PSEP],1996a and 1998).

2.1 Sample Locations and Station Positioning

Samples were collected for analysis of sediment chemistry from 16 stations in the study area (Figure 2). The 16 stations were arranged around the new CSO outfalls in a grid pattern consisting of transect lines running perpendicular to the shoreline. The two outer transect lines consisted of four stations each, and the two inner transect lines consisted of three stations each. The final two stations were located near the future location of the terminus of the new 490-foot CSO outfall.

Fourteen of the 16 sediment sampling locations were positioned on stations at which previous sediment samples were collected as part of the Denny Way Sediment Characterization (SEA, 1998). Previous chemistry data from these stations will enhance the database for the monitoring program and provide a more robust baseline characterization of sediment quality in the study area. Sampling locations were selected and coordinates prescribed prior to all field activities. Prescribed coordinates are shown in Table 1.

Surface sediment grab samples were collected from King County's research vessel *Liberty*, which is equipped with a differential global positioning system (DGPS). Field coordinates were recorded using DGPS for each sediment grab as the sampler contacted the seafloor. The DGPS is a satellite-based navigation system that operates using a receiver to calculate ground position by triangulating scrambled data transmitted by a constellation of satellites operated by the Department of Defense (DOD). The ship-board "differential" receiver receives both the scrambled DOD signal and "corrected" signals originating from base stations operated by various agencies including the Coast Guard and King County. System software applies the differential correction and calculates a precise, real-time navigational position.

Chemistry samples were collected from the top two centimeters (cm) of sediment recovered from a minimum of three deployments of a Van Veen grab sampler. Sampling the top two cm of sediment allows evaluation of sediment quality in the most recently deposited material for establishment of the baseline and for comparison from year to year. Coordinates for each grab deployment are shown in Table 1 and are compared to the prescribed study coordinates.

2.2 Sample Collection and Handling

Sixteen surface sediment samples and one field replicate were collected between April 9 and 19, 2001. Sediment was obtained using two stainless steel, modified, 0.1 m² Van Veen grab samplers deployed in tandem from the *Liberty*. Samples were comprised of sediment collected from three grab deployments at each station. A single deployment of the tandem Van Veen grab samplers was considered "two deployments" when both of the grabs returned an acceptable sample.

A minimum sediment recovery depth of 4 cm was required in each acceptable grab to allow collection of the top 2 cm of sediment without sampling sediment that had touched the sides or bottom of the grab sampler. The sediment was removed from the grab using stainless-steel spatulas and 200 cm³ "cookie cutters" and placed into a stainless-steel bowl for thorough homogenization. Analytical sample aliquots were split out into labeled, pre-cleaned containers supplied by the King County Environmental Laboratory.

A separate set of stainless-steel sampling equipment was dedicated to each station, precluding the need for decontamination of this field gear. The Van Veen grab sampler was decontaminated between stations by scrubbing with a brush and ambient seawater, followed by a thorough *in situ* rinsing.

Samples were stored in ice-filled coolers from the time of collection until delivery to the King County Environmental Laboratory. Samples were delivered under chain-of-custody and were maintained as such throughout the analytical process. Samples were stored frozen at a temperature of -18°C by the laboratory until analysis, with the exception of samples for ammonia nitrogen, particle size distribution, and total sulfide analyses. These samples were stored

refrigerated at approximately 4°C. All analyses were conducted by the King County Environmental Laboratory with the exception of particle size distribution and total sulfides, which were analyzed at Rosa Environmental, a subcontracted laboratory accredited by Ecology.

3 SAMPLE ANALYSIS

Sixteen marine sediment samples and one field replicate collected from the Denny Way site were submitted for chemical analysis of conventional, trace metal, and trace organic parameters. This section describes the type of analyses performed, analytical methodologies used, and the associated quality assurance/quality control (QA/QC) procedures followed. Analyses were selected to allow comparison of sediment data to the Sediment Management Standards (SMS) sediment chemical criteria found in Tables 1 and 3 of Chapter 173-204 WAC (Ecology, 1995), along with the Puget Sound Dredged Disposal Analysis (PSDDA) program sediment chemical criteria (ACOE, 2000). A complete list of all target analytes may be found in the project SAP (King County, 2001). A complete list of all parameters analyzed along with their respective detection limits are included in Appendix A.

3.1 Conventionals

Conventional analyses included ammonia nitrogen, particle size distribution (PSD), percent solids, total organic carbon (TOC), and total sulfides. Percent solids and TOC analyses were performed to provide data necessary to normalize sediment data to dry weight and organic carbon, respectively. Percent solids analysis was performed according to Standard Method (SM)2540-G, gravimetric determination. TOC analysis was performed following EPA Method 9060, high-temperature combustion with infrared spectroscopy. PSD analysis was performed according to ASTM Method D422, a combination of sieve and hydrometer analyses. Ammonia nitrogen and total sulfide, additional indicators of sediment quality, were analyzed according to methods SM4500-NH3-G (potassium chloride extraction with autoanalyzer) and SM4500-S2-D (colorimetric determination), respectively.

3.2 Trace Metals

Trace metal analytes included antimony, arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc. SMS provides regulatory criteria for arsenic, cadmium, chromium, copper, lead, mercury, silver, and zinc. PSDDA also provides regulatory criteria for antimony and nickel. With the exception of mercury, all metal analyses were performed following EPA Method 3050A/6010B; strong-acid digestion with inductively coupled plasma optical emission spectroscopy. Mercury was analyzed according to EPA Method 245.5, cold vapor atomic absorption spectroscopy.

3.3 Trace Organics

Trace organic analytes included base/neutral/acid extractable semivolatile compounds (BNAs), chlorinated pesticides, polychlorinated biphenyls (PCBs), and volatile organic compounds (VOCs). BNA analysis was performed following EPA Method 3550B/8270C (SW-846), gas chromatography with mass spectroscopy (GC/MS). Chlorinated pesticides and PCBs were analyzed by EPA Method 8081A/8082 (SW-846), gas chromatography with electron capture detection (GC/ECD). VOCs were analyzed by EPA Method 8260B (SW-846), purge and trap

with GC/MS analysis. This suite of analytes includes all organic compounds for which SMS and PSDDA provide sediment regulatory criteria.

3.4 Quality Assurance/Quality Control (QA/QC)

All analyses were performed following guidance recommended in the Puget Sound Protocols (PSEP 1986, 1996b, and 1996c) including associated QA/QC practices. Laboratory QA/QC practices produced chemistry data of sufficient quality to pass QA2 review. Chemistry data were reviewed following QA2 guidelines (Ecology, 1989) and flagged with data qualifiers where appropriate. A comprehensive report of analytical data, including qualifier flags is included as Appendix A. The QA review narrative is included as Appendix B.

4 ANALYTICAL RESULTS

This section discusses analytical results for the sixteen marine surface sediment samples collected near the Denny Way site and compares the trace metals and trace organics data to sediment chemical criteria specified under SMS and PSDDA. Complete chemistry analytical results are included as Appendix A. A summary of analytical results for conventional parameters and for metals and organic compounds regulated under SMS and PSDDA are presented in Table 2.

4.1 Conventionals

Conventionals analytical results are presented normalized to dry weight in units of milligrams per kilogram (mg/Kg DW) for ammonia nitrogen, TOC, and total sulfides. Results for PSD, solids, and volatile solids are presented as percent on a wet weight basis.

The patterns of particle size distribution vary widely at the Denny Way site. PSD results indicate the following environments:

- a very sandy environment at station DWMP-10 near the existing CSO outfall;
- an area of deposition near the location of the new, deeper outfall with a higher percentage of fine material at stations DWMP-8 and DWMP-9;
- and two nearshore areas that are fairly gravelly at stations DWMP-5 and DWMP-13.

Other stations at the Denny Way site were generally a "silty-sand" environment. TOC concentrations ranged from 3,350 to 33,100 mg/Kg DW, or approximately 0.3 to 3.3%. TOC distribution was somewhat correlated with the distribution of fine material, as expected.

Ammonia nitrogen was detected in all 16 samples at concentrations ranging from 1.86 to 8.97 mg/Kg DW. Total sulfides were also detected in all 16 samples concentrations ranging from 4.43 to 630 mg/Kg DW. The ranges for both ammonia nitrogen and total sulfide concentrations were fairly large, however, a correlation between these parameters and other conventional parameters was not evident.

4.2 Trace Metals

Trace metals results are presented in normalized to dry weight in units of mg/Kg DW. With the exception of mercury, all trace metals were detected at concentrations below SQS or PSDDA screening level chemical criteria.

Mercury was detected in samples collected from all sixteen stations at concentrations ranging from 0.052 to 0.741 mg/Kg DW. Mercury concentrations exceeded the SQS chemical criterion of 0.41 mg/Kg DW at five stations and exceeded the CSL chemical criterion of 0.59 mg/Kg DW at four stations. Figure 3 shows the relative distribution of mercury concentrations detected at the Denny Way site.

4.3 Trace Organics

Trace organic results are reported in units of micrograms per kilogram normalized to dry weight ($\mu g/Kg$ DW) for ionic organic compounds such as phenolics, acids, and alcohols, as well as the chlorinated pesticides, and volatile organic compounds. SMS generally requires that results for non-ionizable organic compounds be normalized to organic carbon for comparison with sediment chemical criteria. These compounds include polynuclear aromatic hydrocarbons (PAHs), phthalates, chlorobenzenes, some miscellaneous compounds, and polychlorinated biphenyls (PCBs). These non-ionic organic compounds are presented in units of milligrams per kilogram normalized to organic carbon (mg/Kg OC). Two non-ionic compounds, hexachloroethane and 1,3-dichlorobenzene do not have SMS chemical criteria. Results for these two compounds are presented in units of $\mu g/Kg$ DW for comparison with PSDDA chemical criteria.

4.3.1 Non-Ionic BNAs

Analytical results for the complete list of BNA compounds are included in Appendix A. Those BNA compounds regulated under SMS and/or PSDDA are reported in Table 2.

4.3.1.1 Polynuclear Aromatic Hydrocarbons (PAHs)

One or more low molecular weight (LPAH) or high molecular weight (LPAH) PAHs were detected in all sixteen samples. The reported chrysene concentration of 133 mg/Kg OC at station DWMP-05 exceeded the SQS chemical criterion of 110 mg/Kg OC. With the exception of station DWMP-01, reported PAH concentrations at all other stations were below SQS or PSDDA screening level chemical criteria. Reported concentrations of five HPAH compounds, as well as the total HPAH value, in the sample collected from station DWMP-01 exceeded SQS chemical criteria. These concentrations, however, were all below the associated CSL chemical criteria.

4.3.1.2 Chlorobenzenes

1,4-Dichlorobenzene was detected in one sample. The reported 1,4-dichlorobenzene concentration of 0.0489 mg/Kg OC in the sample collected from station DWMP-08 is below the SQS chemical criterion of 3.1 mg/Kg OC. Other chlorobenzene compounds were not detected.

4.3.1.3 Phthalates

Benzyl butyl phthalate was detected in 15 of 16 samples at concentrations ranging from 1.89 to 34.8 mg/Kg OC. Benzyl butyl phthalate concentrations exceeded the SQS chemical criterion of 4.9 mg/Kg OC at nine stations. Figure 4 shows the relative distribution of benzyl butyl phthalate concentrations detected at the Denny Way site.

Bis(2-ethylhexyl) phthalate was detected in all 16 samples at concentrations ranging from 17.6 to 304 mg/Kg OC. Bis(2-ethylhexyl) phthalate concentrations exceeded the SQS chemical criterion of 47 mg/Kg OC at four stations and exceeded the CSL chemical criterion of 78 mg/Kg OC at

three stations. Figure 5 shows the relative distribution of bis(2-ethylhexyl) phthalate concentrations detected at the Denny Way site.

Di-N-butyl phthalate was also detected in all sixteen samples, at concentrations all well below the SQS chemical criterion of 220 mg/Kg OC. The QA data review indicated that analytical results for this compound were negatively impacted by laboratory contamination, indicated by its presence in analytical method blanks. Data for this compound should be viewed in light of this information.

4.3.2 Ionic BNAs

Benzoic acid was the only ionic BNA compound detected in these samples. It was detected in all sixteen samples at concentrations ranging from 145 to 392 μ g/Kg DW. These concentrations are all below the SQS/CSL criterion of 650 μ g/Kg DW.

4.3.3 Chlorinated Pesticides

4,4'-DDD was detected in all 16 samples at concentrations ranging from 0.974 to 20.0 μ g/Kg DW. 4,4'-DDE was detected in 14 of 16 samples at concentrations ranging from 0.37 to 3.07 μ g/Kg DW. 4,4'-DDT was not detected. The PSDDA chemical criteria for this class of organic compounds are based on total DDT, which is a sum of the reported DDD, DDE, and DDT concentrations. "Total DDT" concentrations exceeded the PSDDA screening level criterion of 6.9 μ g/Kg DW at nine stations. Total DDT concentrations did not exceed either the PSDDA bioaccumulation trigger or maximum level chemical criteria (50 and 69 μ g/Kg DW, respectively) at any station. Other target chlorinated pesticide compounds were not detected in any sample. Figure 6 shows the relative distribution of total DDT concentrations detected at the Denny Way site.

4.3.4 PCBs

PCBs were detected at all sixteen stations at concentrations ranging from 6.19 to 35.1 mg/Kg OC (total PCBs). Reported total PCB concentrations were comprised exclusively of Aroclors[®] 1248, 1254, and 1260. Total PCB concentrations exceeded the SQS chemical criterion of 12 mg/Kg OC at 10 of 16 stations. Total PCB concentrations did not exceed the CSL of 65 mg/Kg OC at any station. Figure 7 shows the relative distribution of total PCB concentrations detected at the Denny Way site.

4.3.5 Volatile Organic Compounds

Target volatile organic compounds were not detected in any sample. The MDL for ethylbenzene exceeded the PSDDA screening level chemical criterion of $10~\mu g/Kg$ DW in six of 16 samples. MDL values for these six samples ranged from 11 to 13 $\mu g/Kg$ DW.

5 SUMMARY AND CONCLUSIONS

Sixteen marine surface sediment samples were collected between April 9 and 19, 2001 in the vicinity of existing and planned outfalls for the Denny Way/Lake Union CSO control project. Samples were collected from the 0 to 2 cm depth stratum and submitted for chemical analysis. Sampling and analysis was performed to characterize sediment quality near the existing and planned outfalls prior to construction activities. The work was performed as part of a long-term

sediment monitoring program to establish a baseline against which future sediment quality at the site could be compared. The long-term sediment monitoring program is required under the project Biological Opinion issued by NMFS.

Chemical analysis included sediment conventional parameters to assess physical characteristics and sediment quality, and trace metals and organic compounds that are regulated under SMS and PSDDA. Data have been summarized and presented for comparison to SQS and CSL chemical criteria, as well as PSDDA screening level and maximum level chemical criteria.

Based on sample analytical results, conditions of the surface marine sediment in the vicinity of the Denny Way/Lake Union CSO control project outfalls can be characterized by:

- a wide variety of particle size distributions, including depositional areas with a high percentage of fine material, areas of silty-sand, a very sandy area near the existing outfall, and gravelly areas at two nearshore locations;
- a wide range of concentrations of TOC, ammonia nitrogen, and total sulfides;
- mercury concentrations exceeding the SQS chemical criterion at five stations and exceeding the CSL chemical criterion at four stations;
- benzyl butyl phthalate concentrations exceeding the SQS chemical criterion at nine of 16 stations;
- bis(2-ethylhexyl) phthalate concentrations exceeding the SQS chemical criterion at four stations and exceeding the CSL chemical criterion at three stations;
- total PCB concentrations exceeding the SQS chemical criterion at ten of 16 stations; and
- total DDT concentrations exceeding the PSDDA screening level chemical criterion at nine of 16 stations.

Total PCB concentrations did not exceed the CSL and total DDT concentrations did not exceed either PSDDA bioaccumulation trigger or maximum level chemical criteria. Bis(2-ethylhexyl) phthalate and mercury exceeded the CSL chemical criteria at three and four stations respectively. Stations at the Denny Way site with CSL chemical criteria exceedances are shown in Figure 8.

Data from this study indicate that marine sediment in the vicinity of existing and planned outfalls for the Denny Way/Lake Union CSO control project has been impacted by historic discharges from the existing CSO outfall and other sources. Trace metals and organic compounds detected at concentrations that exceed sediment chemical criteria are similar to those found in another recent study performed at the site (SEA, 1998). Data from both of these studies will be used as a baseline, against which to monitor sediment quality after construction and during operation of the new Denny Way/Lake Union CSO control project outfalls, as well as after sediment remediation efforts at the site.

6 REFERENCES

- ACOE, 2000. Dredged Material Evaluation and Disposal Procedures A Users Manual for the Puget Sound Dredged Disposal Analysis (PSDDA) Program. United States Army Corps of Engineers, Seattle District. Seattle, Washington.
- Ecology, 1989. Edited Draft Report Data Validation Guidance Manual for Selected Sediment Variables. Prepared for the Washington State Department of Ecology by PTI Environmental Services. Bellevue, Washington.
- Ecology, 1995. Sediment Management Standards, Chapter 173-204 WAC. Washington State Department of Ecology. Olympia, Washington.
 - King County, 2001a. Pre-Construction Sediment Characterization Study, Denny Way/Lake Union CSO Control Project, Sampling and Analysis Plan. Prepared for the King County Department of Natural Resources Wastewater Treatment Division by the King County Department of Natural Resources Water and Land Resources Division. Seattle, Washington.
 - King County, 2001b. Pre-Construction Sediment Characterization Study, Denny Way/Lake Union CSO Control Project, Final Report, Benthic Infauna Community Assemblage. Prepared for the King County Department of Natural Resources Wastewater Treatment Division by the King County Department of Natural Resources Water and Land Resources Division. Seattle, Washington.
 - King County Department of Natural Resources WTD, City of Seattle SPU and EPA, 1998. Denny Way/Lake Union Combined Sewer Overflow Control Project, Phases 2 and 3/4: Final SEPA Supplemental Environmental Impact Statement and NEPA Environmental Assessment. Seattle, Washington.
 - NMFS, 2000. Endangered Species Act Section 7 Biological Opinion, Denny Way/Lake Union CSO Control Project (WSB-00-039). Prepared for the United Stated Environmental Protection Agency, Region 10 by the National Marine Fisheries Service. Seattle, Washington.
 - PSEP, 1986. Recommended Protocols for Measuring Conventional Sediment Variables in Puget Sound. Prepared for the Puget Sound Estuary Program (U.S. Environmental Protection Agency Region 10) by Tetra Tech, Inc. Seattle, Washington.
 - PSEP, 1996a. Recommended Guidelines for Sampling Marine Sediment, Water Column, and Tissue in Puget Sound. Prepared for the Puget Sound Estuary Program (U.S. Environmental Protection Agency Region 10) by the King County Environmental Laboratory. Seattle, Washington.
 - PSEP, 1996b. Recommended Guidelines for Measuring Metals in Puget Sound Marine Water, Sediment and Tissue Samples. Prepared for the Puget Sound Estuary Program (U.S. Environmental Protection Agency Region 10) by the King County Environmental Laboratory. Seattle, Washington.
 - PSEP, 1996c. Recommended Guidelines for Measuring Organic Compounds in Puget Sound Marine Water, Sediment and Tissue Samples. Prepared for the Puget Sound Estuary Program

(U.S. Environmental Protection Agency Region 10) by the King County Environmental Laboratory. Seattle, Washington.

PSEP, 1998. Recommended Guidelines for Station Positioning in Puget Sound. Prepared for the Puget Sound Estuary Program (U.S. Environmental Protection Agency Region 10) by the King County Environmental Laboratory. Seattle, Washington.

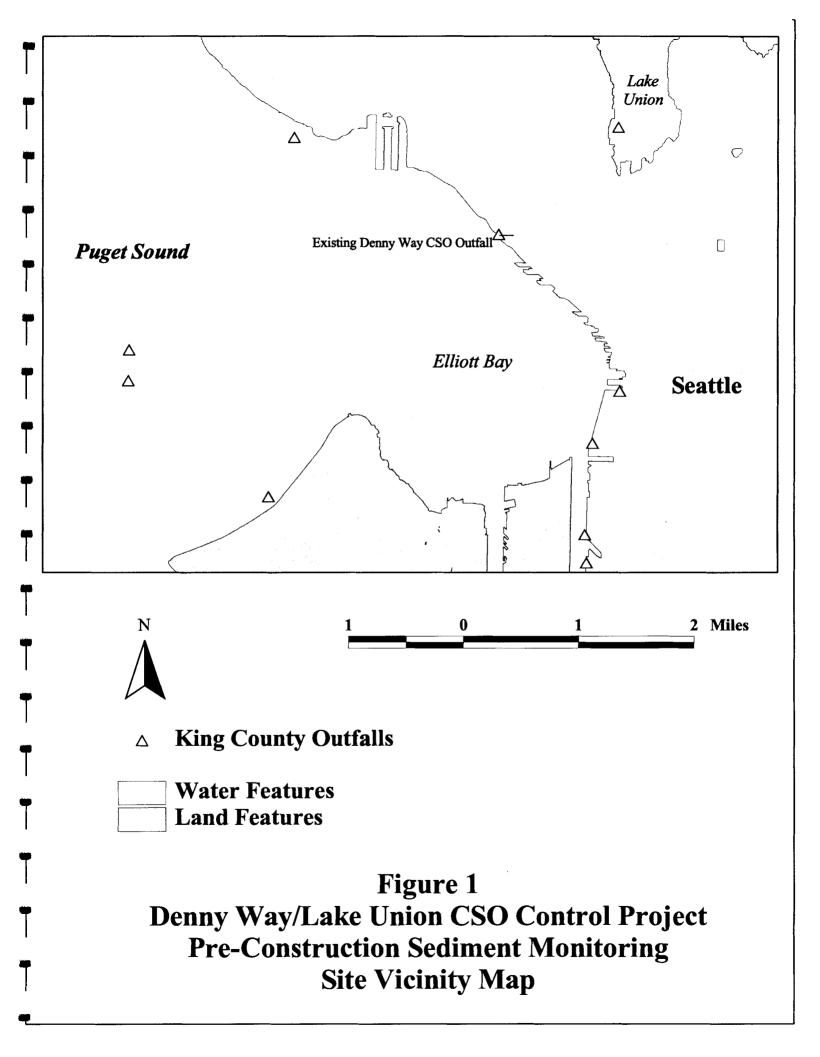
SEA, 1997. Summary of Existing Information, Denny Way/Lake Union CSO Control Project. Prepared for King County and Black and Veatch. Seattle, Washington.

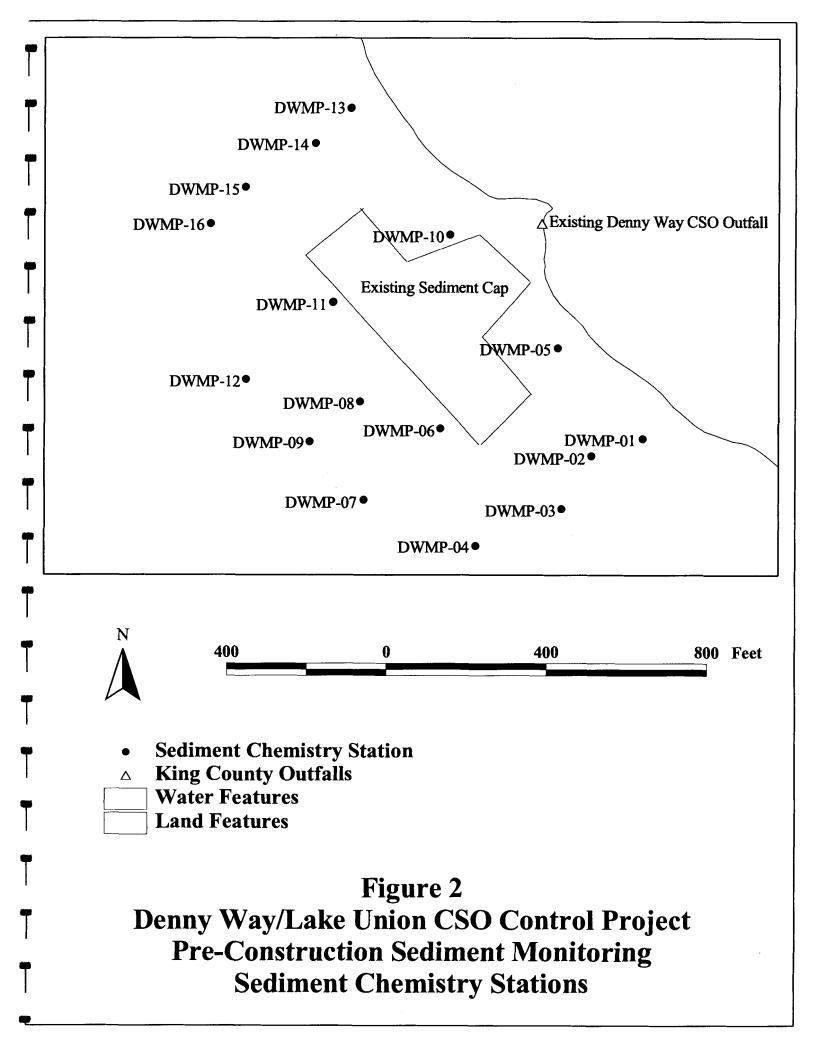
SEA, 1998. Proposed Marine Outfall Sediment Characterization, Denny Way/Lake Union CSO Control Project. Prepared for King County and Black and Veatch. Seattle, Washington.

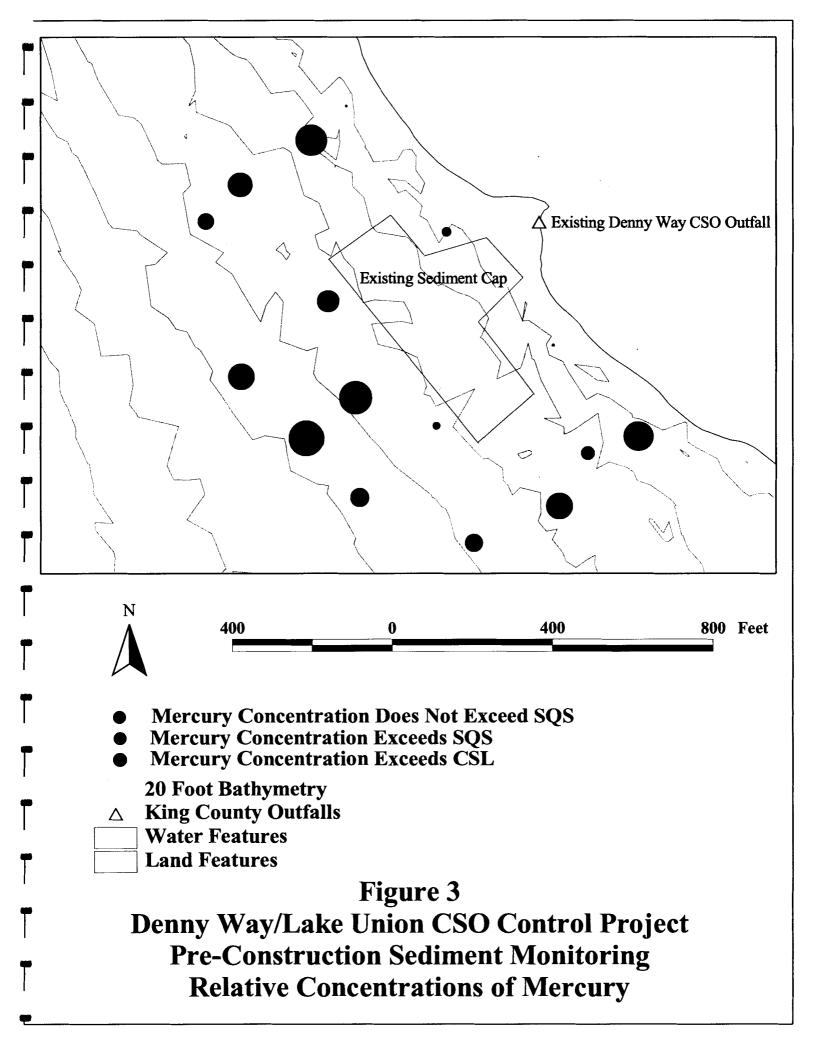
SEA, 1999. Sediment Remediation Plan, Denny Way/Lake Union CSO Control Project. Prepared for King County and Black and Veatch. Seattle, Washington.

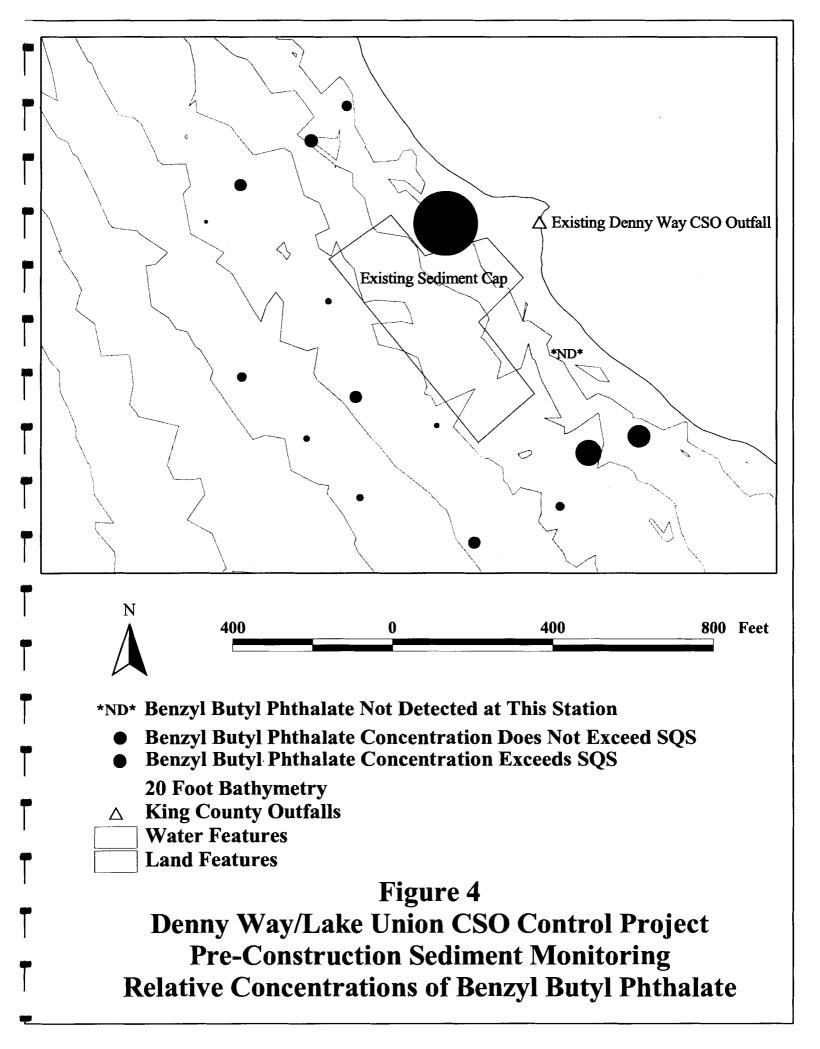
SEA, 2001. Pre-Construction Sediment Characterization Study, Denny Way/Lake Union CSO Control Project, Sediment Profile Imaging and Video Survey Data Report. Prepared for King County Wastewater Treatment Division. Olympia, Washington.

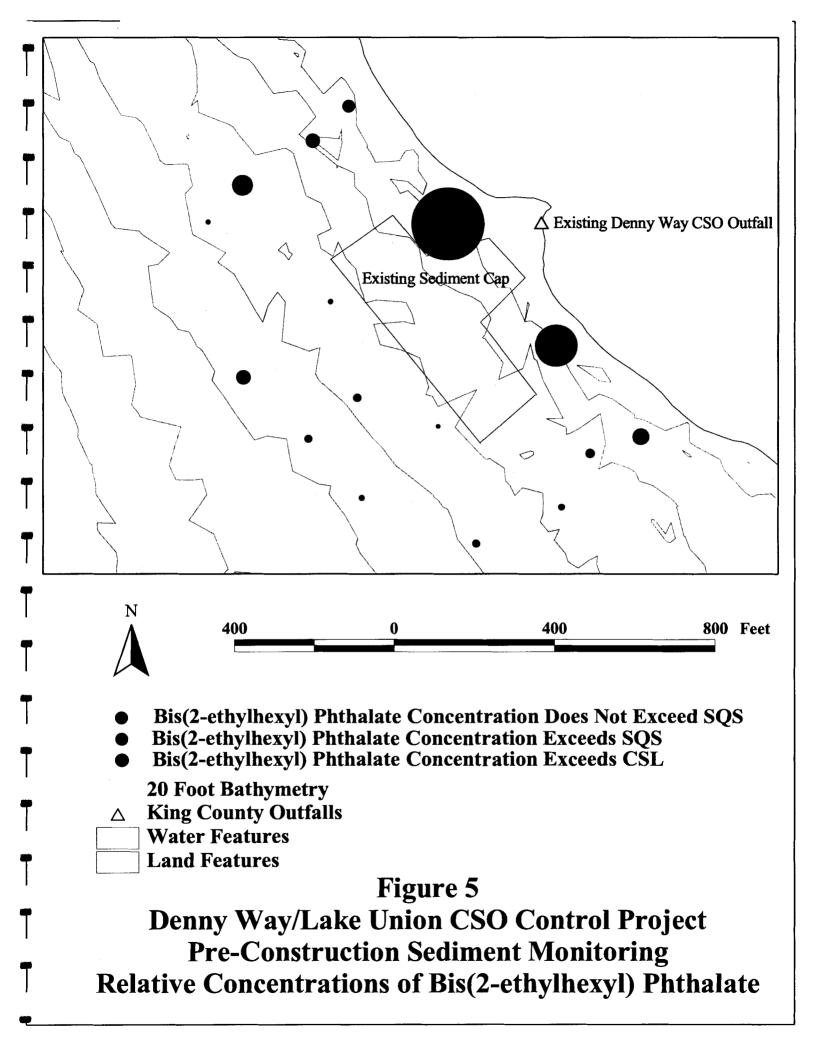
FIGURES

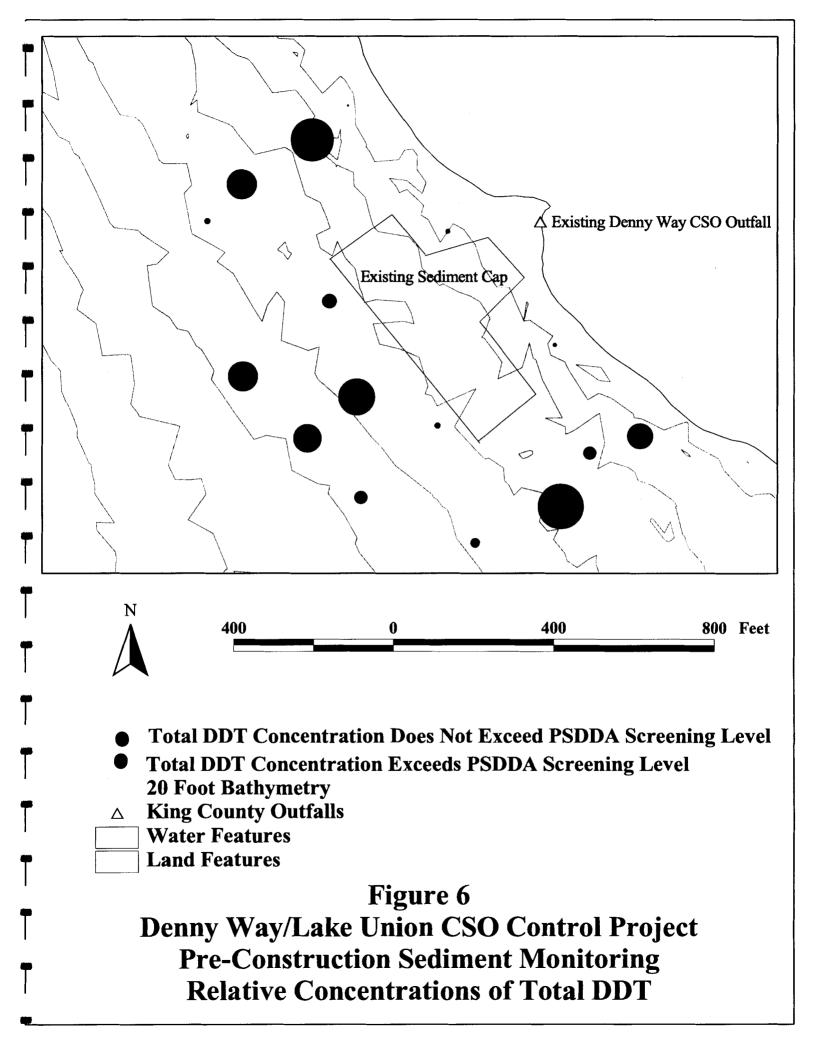


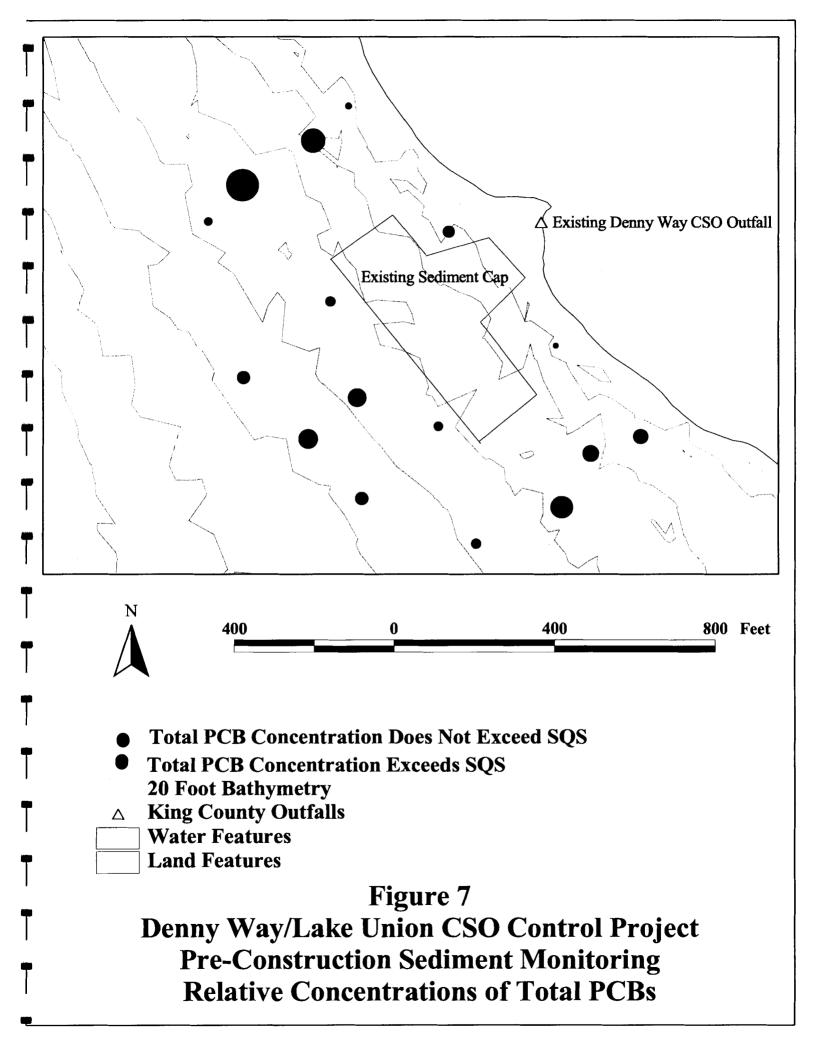


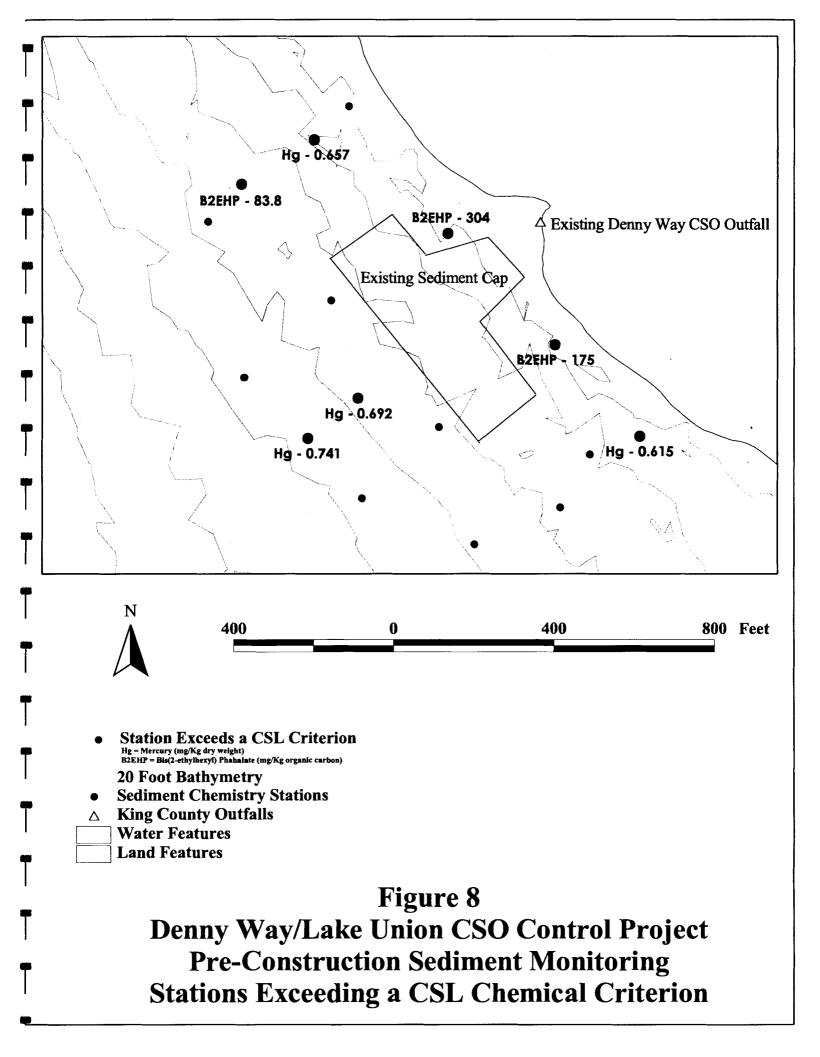












TABLES

Table 1
Sediment Chemistry Sample Location Coordinates
Pre-Construction Sediment Characterization Study
Denny Way/Lake Union CSO Control Project

Sampling Station Coordinates (State Plane NAD83)

	Gra	b 1	Gra	b 2	Gra	b 3	Ave	rage	Preso	cribed	Off By	(feet)
Station	Northing	Easting										
DWMP-1	228811	1264048	228810	1264052	228810	1264052	228810	1264051	228813	1264047	3	4
DWMP-2	228771	1263916	228765	1263926	228772	1263923	228769	1263922	228770	1263919	1	3
DWMP-3	228644	1263845	228637	1263855	228637	1263855	228639	1263852	228638	1263846	1	6
DWMP-4	228557	1263631	228539	1263630	228552	1263638	228549	1263633	228546	1263631	3	2
DWMP-5	229037	1263840	229037	1263840	229032	1263838	229035	1263839	229041	1263836	6	3
DWMP-6	228845	1263543	228845	1263543	228851	1263538	228847	1263541	228839	1263542	8	1
DWMP-7	228656	1263346	228663	1263350	228658	1263351	228659	1263349	228660	1263350	1	1
DWMP-8	228911	1263326	228920	1263335	228914	1263336	228915	1263332	228907	1263341	8	9
DWMP-9	228815	1263210	228815	1263210	228809	1263219	228813	1263213	228806	1263215	7	2
DWMP-10*	229324	1263560	229321	1263567	229177	1263560	229274	1263562	229326	1263565	52	3
DWMP-11	229160	1263263	229161	1263283	229161	1263279	229161	1263275	229156	1263272	5	3
DWMP-12	228950	1263052	228949	1263054	228971	1263055	228957	1263054	228963	1263055	6	1
DWMP-13*	229635	1263320	229594	1263382	229539	1263411	229589	1263371	229640	1263317	51	54
DWMP-14	229553	1263226	229561	1263224	229561	1263224	229558	1263225	229553	1263228	5	3
DWMP-15	229449	1263053	229462	1263040	229440	1263055	229450	1263049	229444	1263053	6	4
DWMP-16	229347	1262981	229347	1262981	229356	1262964	229350	1262975	229353	1262966	3	9

^{*}Stations DWMP-10 and DWMP-13, both inshore stations, were relocated in the field due to shallow water depth that precluded sampling in the original locations.

05	DWMP-06	DWMP-07	DWMP-08	DWMP-09	DWMP-10	DWMP-11	DWMP-12	DWMP-13	DWMP-14	DWMP-15	DWMP-16	SQS/SL ⁽¹⁾	CSL/ML ⁽²⁾
	57.4	49.9	42.6	39.4	71.5	57.9	37.3	81.2	54.0	52.9	47.4	n/a	n/a
	2.67	2.49	3.40	3.31	1.79	3.25	3.32	1.12	3,33	2.76	2.76	n/a	n/a
)	16,000	16,700	25,600	30,700	7 ,64 0	18,800	30,600	3,350	24,300	17,100	17,000	n/a	n/a
	9.8	15.0	17.2	19.0	1.7	8.7	23.0	1.3	12.5	17.7	20.6	n/a	n/a
	16.9	40.0	36.8	45.5	1.1	18.6	52.6	1.4	43.2	40.8	28.9	n/a	n/a
	70.3	44.2	43.0	31.8	96.8	71.8	23.7	57.2	44.0	40.0	34.1	n/a	n/a
	3.1	0.9	3.0	3.8	0.4	0.9	0.6	40.1	0.4	1.6	16.3	n/a	n/a
	1.86	2.97	2.70	3.22	4.78	2.06	3.35	3.19	3,22	2.40	2.13	n/a	n/a
	8.01	60.1	30.5	48.2	84.3	98.4	26.8	111	630	24.6	4.43	n/a	n/a
.0)	<mdl (2.6)<="" td=""><td><mdl (3.0)<="" td=""><td><mdl (3.5)<="" td=""><td><mdl (3.8)<="" td=""><td><mdl (2.1)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (3.0)<="" td=""><td><mdl (3.5)<="" td=""><td><mdl (3.8)<="" td=""><td><mdl (2.1)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (3.5)<="" td=""><td><mdl (3.8)<="" td=""><td><mdl (2.1)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (3.8)<="" td=""><td><mdl (2.1)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.1)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.6)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (4.0)<="" td=""><td><mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.8)<="" td=""><td>3.0</td><td><mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl></td></mdl>	3.0	<mdl (2.8)<="" td=""><td><mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl></td></mdl>	<mdl (3.2)<="" td=""><td>150</td><td>200</td></mdl>	150	200
,	7.5	9.4	9.4	12	6.2	6.6	16	<mdl (3.1)<="" td=""><td>9.4</td><td>9.8</td><td>12</td><td>57</td><td>93</td></mdl>	9.4	9.8	12	57	93
20)	<mdl (0.26)<="" td=""><td><mdl (0.30)<="" td=""><td>0.68</td><td>0.76</td><td>0.46</td><td>0.47</td><td>0.99</td><td><mdl (0.18)<="" td=""><td>0.74</td><td>0.62</td><td><mdl (0.32)<="" td=""><td>5.1</td><td>6.7</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.30)<="" td=""><td>0.68</td><td>0.76</td><td>0.46</td><td>0.47</td><td>0.99</td><td><mdl (0.18)<="" td=""><td>0.74</td><td>0.62</td><td><mdl (0.32)<="" td=""><td>5.1</td><td>6.7</td></mdl></td></mdl></td></mdl>	0.68	0.76	0.46	0.47	0.99	<mdl (0.18)<="" td=""><td>0.74</td><td>0.62</td><td><mdl (0.32)<="" td=""><td>5.1</td><td>6.7</td></mdl></td></mdl>	0.74	0.62	<mdl (0.32)<="" td=""><td>5.1</td><td>6.7</td></mdl>	5.1	6.7
	27.4	40.9	46.2	50.5	41.7	27.1	55.0	17 . 0	47.8	52.2	62.2	260	270
	31.0	48.7	63.4	69.8	69.2	34.9	68.1	19.0	63.3	58.4	52.3	390	390
	27.0	48.9	98.1	73.4	99.7	34.4	89.8	13.7	90.2	73.2	42.6	450	530
	0.16	0.411	0.692	0.741	0.20	0.477	0.571	0.052	0.657	0.524	0.34	0.41	0.59
	25.3	34.5	40.8	45.7	30.3	24.2	52.3	20.7	41.5	48.6	65.2	140	370
	0.77	1.4	2.89	2.99	1.94	1.1	2.95	0.33	4.11	3.04	1.2	6.1	6.1
	70.7	77.8	112	105	96.1	77.7	118	35.0	106	107	101	410	960
	<mdl (0.76)<="" td=""><td>1.1</td><td><mdl (0.64)<="" td=""><td><mdl (0.58)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	1.1	<mdl (0.64)<="" td=""><td><mdl (0.58)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.58)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl></td></mdl>	<mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl></td></mdl>	<mdl (0.78)<="" td=""><td>0.88</td><td>16</td><td>57</td></mdl>	0.88	16	57
	<mdl (1.6)<="" td=""><td>1.8</td><td><mdl (1.4)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.7)<="" td=""><td><mdl (1.4)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (5.5)<="" td=""><td>1.4</td><td>1.87</td><td><mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	1.8	<mdl (1.4)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.7)<="" td=""><td><mdl (1.4)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (5.5)<="" td=""><td>1.4</td><td>1.87</td><td><mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.2)<="" td=""><td><mdl (2.7)<="" td=""><td><mdl (1.4)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (5.5)<="" td=""><td>1.4</td><td>1.87</td><td><mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.7)<="" td=""><td><mdl (1.4)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (5.5)<="" td=""><td>1.4</td><td>1.87</td><td><mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.4)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (5.5)<="" td=""><td>1.4</td><td>1.87</td><td><mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (5.5)<="" td=""><td>1.4</td><td>1.87</td><td><mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl></td></mdl></td></mdl>	<mdl (5.5)<="" td=""><td>1.4</td><td>1.87</td><td><mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl></td></mdl>	1.4	1.87	<mdl (1.9)<="" td=""><td>66</td><td>66</td></mdl>	66	66
	4.74	7.84	3.31	2.25	6.20	2.30	1.94	8.54	3.72	3.65	5.15	220	1,200
	<mdl (1.4)<="" td=""><td>2.2</td><td><mdl (1.2)<="" td=""><td><mdl (1.1)<="" td=""><td>8.35</td><td><mdl (1.2)<="" td=""><td><mdl (1.1)<="" td=""><td>12.1</td><td>2.08</td><td>1.5</td><td><mdl (1.6)<="" td=""><td>23</td><td>79</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	2.2	<mdl (1.2)<="" td=""><td><mdl (1.1)<="" td=""><td>8.35</td><td><mdl (1.2)<="" td=""><td><mdl (1.1)<="" td=""><td>12.1</td><td>2.08</td><td>1.5</td><td><mdl (1.6)<="" td=""><td>23</td><td>79</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.1)<="" td=""><td>8.35</td><td><mdl (1.2)<="" td=""><td><mdl (1.1)<="" td=""><td>12.1</td><td>2.08</td><td>1.5</td><td><mdl (1.6)<="" td=""><td>23</td><td>79</td></mdl></td></mdl></td></mdl></td></mdl>	8.35	<mdl (1.2)<="" td=""><td><mdl (1.1)<="" td=""><td>12.1</td><td>2.08</td><td>1.5</td><td><mdl (1.6)<="" td=""><td>23</td><td>79</td></mdl></td></mdl></td></mdl>	<mdl (1.1)<="" td=""><td>12.1</td><td>2.08</td><td>1.5</td><td><mdl (1.6)<="" td=""><td>23</td><td>79</td></mdl></td></mdl>	12.1	2.08	1.5	<mdl (1.6)<="" td=""><td>23</td><td>79</td></mdl>	23	79
	<mdl (1.5)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl></td></mdl>	<mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl></td></mdl>	<mdl (1.7)<="" td=""><td>38</td><td>64</td></mdl>	38	64
.3)	<mdl (1.5)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.2)<="" td=""><td><mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (5.1)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.1)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl></td></mdl>	<mdl (1.6)<="" td=""><td><mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl></td></mdl>	<mdl (1.7)<="" td=""><td>99</td><td>170</td></mdl>	99	170
	6.69	11.3	4.38	1.64	11.0	1.98	0.49	4.60	2.05	2.27	9.88	100	480
	11.4	24	7.69	3.89	25.5	4.28	2.4	25.3	9.3	9.3	16	370	780
	8.63	13.4	5.16	2.21	11.0	2.30	0.990	4.90	1.77	2.25	9.59	110	270
	2.44	1.61	0.727	<mdl (0.25)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.28)<="" td=""><td><mdl (0.26)<="" td=""><td>2.0</td><td><mdl (0.23)<="" td=""><td><mdl (0.33)<="" td=""><td>1.32</td><td>99</td><td>210</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.55)<="" td=""><td><mdl (0.28)<="" td=""><td><mdl (0.26)<="" td=""><td>2.0</td><td><mdl (0.23)<="" td=""><td><mdl (0.33)<="" td=""><td>1.32</td><td>99</td><td>210</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.28)<="" td=""><td><mdl (0.26)<="" td=""><td>2.0</td><td><mdl (0.23)<="" td=""><td><mdl (0.33)<="" td=""><td>1.32</td><td>99</td><td>210</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.26)<="" td=""><td>2.0</td><td><mdl (0.23)<="" td=""><td><mdl (0.33)<="" td=""><td>1.32</td><td>99</td><td>210</td></mdl></td></mdl></td></mdl>	2.0	<mdl (0.23)<="" td=""><td><mdl (0.33)<="" td=""><td>1.32</td><td>99</td><td>210</td></mdl></td></mdl>	<mdl (0.33)<="" td=""><td>1.32</td><td>99</td><td>210</td></mdl>	1.32	99	210
	<mdl (0.87)<="" td=""><td><mdl (0.96)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.96)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.73)<="" td=""><td><mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl></td></mdl>	<mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl></td></mdl>	<mdl (0.99)<="" td=""><td>31</td><td>78</td></mdl>	31	78
	23.4	26.0	10.9	4.53	14.5	2.92	1.13	5.72	2.98	4.27	19.2	230	450
	10.8	12.9	4.57	1.96	6.66	1.40	0.56	4.96	1.22	1.65	10.8	110	460
	0.88	1.2	<mdl (0.64)<="" td=""><td><mdl (0.58)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.58)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.64)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.6)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl></td></mdl></td></mdl>	<mdl (0.53)<="" td=""><td><mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl></td></mdl>	<mdl (0.78)<="" td=""><td>0.94</td><td>12</td><td>33</td></mdl>	0.94	12	33
	17.2	24.0	9.80	4.01	25.8	4.42	1.49	7.61	3.88	4.53	18.4	160	1,200
	1.3	1.2	<mdl (0.83)<="" td=""><td><mdl (0.74)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (0.83)<="" td=""><td><mdl (0.79)<="" td=""><td><mdl (3.3)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.74)<="" td=""><td><mdl (1.6)<="" td=""><td><mdl (0.83)<="" td=""><td><mdl (0.79)<="" td=""><td><mdl (3.3)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.6)<="" td=""><td><mdl (0.83)<="" td=""><td><mdl (0.79)<="" td=""><td><mdl (3.3)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.83)<="" td=""><td><mdl (0.79)<="" td=""><td><mdl (3.3)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.79)<="" td=""><td><mdl (3.3)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (3.3)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.69)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl></td></mdl>	<mdl (1.0)<="" td=""><td><mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl></td></mdl>	<mdl (1.1)<="" td=""><td>34</td><td>88</td></mdl>	34	88
	7.56	5.72	2.14	0.984	3.76	0.745	<mdl (0.35)<="" td=""><td><mdl (1.5)<="" td=""><td>0.617</td><td>0.70</td><td>3.39</td><td>1,000</td><td>1,400</td></mdl></td></mdl>	<mdl (1.5)<="" td=""><td>0.617</td><td>0.70</td><td>3.39</td><td>1,000</td><td>1,400</td></mdl>	0.617	0.70	3.39	1,000	1,400
	72	86	33.3	13.7	61.8	11.8	4.2	25	10.5	13	64	960	5,300
57)	2.67	3.67	6.60	3.07	34.8	3.21	4.93	5.52	7.20	6.37	1.89	4.9	64
	17.6	23.2	35.2	33.6	304	21.8	61.1	54.0	61.3	83.6	20.8	47	78
57)	<mdl (0.66)<="" td=""><td><mdl (0.72)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.50)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.72)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.50)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.55)<="" td=""><td><mdl (0.50)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.50)<="" td=""><td><mdl (1.1)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.1)<="" td=""><td><mdl (0.55)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.55)<="" td=""><td><mdl (0.53)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.53)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.2)<="" td=""><td><mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.46)<="" td=""><td><mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl></td></mdl>	<mdl (0.67)<="" td=""><td><mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl></td></mdl>	<mdl (0.75)<="" td=""><td>61</td><td>110</td></mdl>	61	110
.0)	<mdl (1.2)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (0.91)<="" td=""><td>2.56</td><td><mdl (1.0)<="" td=""><td><mdl (0.96)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (1.0)<="" td=""><td><mdl (0.91)<="" td=""><td>2.56</td><td><mdl (1.0)<="" td=""><td><mdl (0.96)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.0)<="" td=""><td><mdl (0.91)<="" td=""><td>2.56</td><td><mdl (1.0)<="" td=""><td><mdl (0.96)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.91)<="" td=""><td>2.56</td><td><mdl (1.0)<="" td=""><td><mdl (0.96)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	2.56	<mdl (1.0)<="" td=""><td><mdl (0.96)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.96)<="" td=""><td><mdl (4.0)<="" td=""><td><mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (4.0)<="" td=""><td><mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.84)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl></td></mdl>	<mdl (1.2)<="" td=""><td><mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl></td></mdl>	<mdl (1.4)<="" td=""><td>53</td><td>53</td></mdl>	53	53
	5.51	3.95	2.39	2.43	28.1	3.80	2.87	17.0	3.51	4.81	4.63	220	1,700
75)	<mdl (0.87)<="" td=""><td><mdl (0.96)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.96)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.73)<="" td=""><td><mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.66)<="" td=""><td><mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.5)<="" td=""><td><mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.73)<="" td=""><td><mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.70)<="" td=""><td><mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.9)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl></td></mdl>	<mdl (0.89)<="" td=""><td><mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl></td></mdl>	<mdl (0.99)<="" td=""><td>58</td><td>4,500</td></mdl>	58	4,500

	DWMP-01	DWMP-02	DWMP-03	DWMP-04	DWMP-05	DWMP-06	DWMP-07	DWMP-08	DWMP-09	DWMP-10	DWMP-11
Miscellaneous											
Dibenzofuran	1.7	3.0	<mdl (1.3)<="" td=""><td><mdl (1.8)<="" td=""><td>2.5</td><td><mdl (1.5)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.8)<="" td=""><td>2.5</td><td><mdl (1.5)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	2.5	<mdl (1.5)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.7)<="" td=""><td><mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.3)<="" td=""><td><mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.2)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (2.6)<="" td=""><td><mdl (1.3)<="" td=""></mdl></td></mdl>	<mdl (1.3)<="" td=""></mdl>
Hexachlorobutadiene	<mdl (0.058)<="" td=""><td><mdl (0.098)<="" td=""><td><mdl (0.070)<="" td=""><td><mdl (0.094)<="" td=""><td><mdl (0.071)<="" td=""><td><mdl (0.082)<="" td=""><td><mdl (0.090)<="" td=""><td><mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.098)<="" td=""><td><mdl (0.070)<="" td=""><td><mdl (0.094)<="" td=""><td><mdl (0.071)<="" td=""><td><mdl (0.082)<="" td=""><td><mdl (0.090)<="" td=""><td><mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.070)<="" td=""><td><mdl (0.094)<="" td=""><td><mdl (0.071)<="" td=""><td><mdl (0.082)<="" td=""><td><mdl (0.090)<="" td=""><td><mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.094)<="" td=""><td><mdl (0.071)<="" td=""><td><mdl (0.082)<="" td=""><td><mdl (0.090)<="" td=""><td><mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.071)<="" td=""><td><mdl (0.082)<="" td=""><td><mdl (0.090)<="" td=""><td><mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.082)<="" td=""><td><mdl (0.090)<="" td=""><td><mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.090)<="" td=""><td><mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.069)<="" td=""><td><mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.062)<="" td=""><td><mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (0.14)<="" td=""><td><mdl (0.069)<="" td=""></mdl></td></mdl>	<mdl (0.069)<="" td=""></mdl>
Hexachloroethane ⁽⁴⁾	<mdl (38)<="" td=""><td><mdl (25)<="" td=""><td><mdl (34)<="" td=""><td><mdl (30)<="" td=""><td><mdl (20)<="" td=""><td><mdl (26)<="" td=""><td><mdl (30)<="" td=""><td><mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (25)<="" td=""><td><mdl (34)<="" td=""><td><mdl (30)<="" td=""><td><mdl (20)<="" td=""><td><mdl (26)<="" td=""><td><mdl (30)<="" td=""><td><mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (34)<="" td=""><td><mdl (30)<="" td=""><td><mdl (20)<="" td=""><td><mdl (26)<="" td=""><td><mdl (30)<="" td=""><td><mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (30)<="" td=""><td><mdl (20)<="" td=""><td><mdl (26)<="" td=""><td><mdl (30)<="" td=""><td><mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (20)<="" td=""><td><mdl (26)<="" td=""><td><mdl (30)<="" td=""><td><mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (26)<="" td=""><td><mdl (30)<="" td=""><td><mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (30)<="" td=""><td><mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (35)<="" td=""><td><mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (38)<="" td=""><td><mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (21)<="" td=""><td><mdl (26)<="" td=""></mdl></td></mdl>	<mdl (26)<="" td=""></mdl>
N-Nitrosodiphenylamine	<mdl (1.6)<="" td=""><td><mdl (2.6)<="" td=""><td><mdl (1.9)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (1.9)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (2.4)<="" td=""><td><mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.6)<="" td=""><td><mdl (1.9)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (1.9)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (2.4)<="" td=""><td><mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.9)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (1.9)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (2.4)<="" td=""><td><mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.5)<="" td=""><td><mdl (1.9)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (2.4)<="" td=""><td><mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.9)<="" td=""><td><mdl (2.2)<="" td=""><td><mdl (2.4)<="" td=""><td><mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.2)<="" td=""><td><mdl (2.4)<="" td=""><td><mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.4)<="" td=""><td><mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.8)<="" td=""><td><mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (1.7)<="" td=""><td><mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (3.7)<="" td=""><td><mdl (1.8)<="" td=""></mdl></td></mdl>	<mdl (1.8)<="" td=""></mdl>
PCBs											
Total PCBs	16.1	18.2	24.2	11.0	6.19	10.3	13.8	19.6	21.4	13.0	10.7
Ionic Organics (µg/Kg DW)											
Benzoic Acid	392	239	215	256	338	174	206	303	248	173	226
Benzyl Alcohol	<mdl (15)<="" td=""><td><mdl (10)<="" td=""><td><mdl (14)<="" td=""><td><mdl (12)<="" td=""><td><mdl (8.0)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (10)<="" td=""><td><mdl (14)<="" td=""><td><mdl (12)<="" td=""><td><mdl (8.0)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (14)<="" td=""><td><mdl (12)<="" td=""><td><mdl (8.0)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (8.0)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.0)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (14)<="" td=""><td><mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (15)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (8.4)<="" td=""><td><mdl (10)<="" td=""></mdl></td></mdl>	<mdl (10)<="" td=""></mdl>
2-Methylphenol	<mdl (49)<="" td=""><td><mdl (32)<="" td=""><td><mdl (43)<="" td=""><td><mdl (38)<="" td=""><td><mdl (25)<="" td=""><td><mdl (33)<="" td=""><td><mdl (38)<="" td=""><td><mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (32)<="" td=""><td><mdl (43)<="" td=""><td><mdl (38)<="" td=""><td><mdl (25)<="" td=""><td><mdl (33)<="" td=""><td><mdl (38)<="" td=""><td><mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (43)<="" td=""><td><mdl (38)<="" td=""><td><mdl (25)<="" td=""><td><mdl (33)<="" td=""><td><mdl (38)<="" td=""><td><mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (38)<="" td=""><td><mdl (25)<="" td=""><td><mdl (33)<="" td=""><td><mdl (38)<="" td=""><td><mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (25)<="" td=""><td><mdl (33)<="" td=""><td><mdl (38)<="" td=""><td><mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (33)<="" td=""><td><mdl (38)<="" td=""><td><mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (38)<="" td=""><td><mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (45)<="" td=""><td><mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (48)<="" td=""><td><mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (27)<="" td=""><td><mdl (33)<="" td=""></mdl></td></mdl>	<mdl (33)<="" td=""></mdl>
4-Methylphenol	<mdl (41)<="" td=""><td><mdl (27)<="" td=""><td><mdl (36)<="" td=""><td><mdl (32)<="" td=""><td><mdl (21)<="" td=""><td><mdl (28)<="" td=""><td><mdl (32)<="" td=""><td><mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (27)<="" td=""><td><mdl (36)<="" td=""><td><mdl (32)<="" td=""><td><mdl (21)<="" td=""><td><mdl (28)<="" td=""><td><mdl (32)<="" td=""><td><mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (36)<="" td=""><td><mdl (32)<="" td=""><td><mdl (21)<="" td=""><td><mdl (28)<="" td=""><td><mdl (32)<="" td=""><td><mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (32)<="" td=""><td><mdl (21)<="" td=""><td><mdl (28)<="" td=""><td><mdl (32)<="" td=""><td><mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (21)<="" td=""><td><mdl (28)<="" td=""><td><mdl (32)<="" td=""><td><mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (28)<="" td=""><td><mdl (32)<="" td=""><td><mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (32)<="" td=""><td><mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (38)<="" td=""><td><mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (41)<="" td=""><td><mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (22)<="" td=""><td><mdl (28)<="" td=""></mdl></td></mdl>	<mdl (28)<="" td=""></mdl>
2,4-Dimethylphenol	<mdl (18)<="" td=""><td><mdl (12)<="" td=""><td><mdl (16)<="" td=""><td><mdl (14)<="" td=""><td><mdl (9.4)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (16)<="" td=""><td><mdl (14)<="" td=""><td><mdl (9.4)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (16)<="" td=""><td><mdl (14)<="" td=""><td><mdl (9.4)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (14)<="" td=""><td><mdl (9.4)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (9.4)<="" td=""><td><mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (14)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (14)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (18)<="" td=""><td><mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (9.8)<="" td=""><td><mdl (12)<="" td=""></mdl></td></mdl>	<mdl (12)<="" td=""></mdl>
Pentachlorophenol	<mdl (13)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.4)<="" td=""><td><mdl (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl>	<mdl (8.6)<="" td=""></mdl>
Phenol	<mdl (23)<="" td=""><td><mdl (15)<="" td=""><td><mdl (20)<="" td=""><td><mdl (18)<="" td=""><td><mdl (12)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (15)<="" td=""><td><mdl (20)<="" td=""><td><mdl (18)<="" td=""><td><mdl (12)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (20)<="" td=""><td><mdl (18)<="" td=""><td><mdl (12)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (18)<="" td=""><td><mdl (12)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (16)<="" td=""><td><mdl (18)<="" td=""><td><mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (18)<="" td=""><td><mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (21)<="" td=""><td><mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (23)<="" td=""><td><mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (13)<="" td=""><td><mdl (16)<="" td=""></mdl></td></mdl>	<mdl (16)<="" td=""></mdl>
Pesticides (µg/Kg DW)											
4,4'-DDD	11.6	5.95	21.9	4.44	1.58	2.60	6.47	17.1	13.2	1.89	6.86
4,4'-DDE	2.15	0.926	2.52	0.56	0.37	0.56	0.74	2.65	1.97	0.38	0.927
4,4'-DDT	<mdl (0.69)<="" td=""><td><mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl>	<mdl (0.47)<="" td=""></mdl>
Total DDT	13.8	6.88	24.4	5.0	2.0	3.2	7.2	19.8	15.2	2.3	7.79
Aldrin	<mdl (0.69)<="" td=""><td><mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl>	<mdl (0.47)<="" td=""></mdl>
Chlordane	<mdl (2.6)<="" td=""><td><mdl (0.45)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (2.0)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.45)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (2.0)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.3)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (2.0)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (2.0)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (2.0)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.47)<="" td=""><td><mdl (2.0)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.0)<="" td=""><td><mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.3)<="" td=""><td><mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (2.5)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl>	<mdl (0.47)<="" td=""></mdl>
Dieldrin	<mdl (0.69)<="" td=""><td><mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl>	<mdl (0.47)<="" td=""></mdl>
Gamma-BHC (Lindane)	<mdl (0.69)<="" td=""><td><mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl>	<mdl (0.47)<="" td=""></mdl>
Heptachlor	<mdl (0.69)<="" td=""><td><mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.45)<="" td=""><td><mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.61)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.36)<="" td=""><td><mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.47)<="" td=""><td><mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.54)<="" td=""><td><mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.63)<="" td=""><td><mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (0.69)<="" td=""><td><mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (0.38)<="" td=""><td><mdl (0.47)<="" td=""></mdl></td></mdl>	<mdl (0.47)<="" td=""></mdl>
Volatile Organics (µg/Kg DW)										
Ethylbenzene	\$ SMDL (13)	<mdl (8.4)<="" td=""><td><mde (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td>∵ <mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mde></td></mdl>	<mde (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td>∵ <mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mde>	<mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td>∵ <mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td>∵ <mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td>∵ <mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (10)<="" td=""><td>∵ <mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	∵ <mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl>	<mdl (8.6)<="" td=""></mdl>
Trichloroethene (TCE)	<mdl (13)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (11)<="" td=""><td><mdl (9.9]<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.4)<="" td=""><td><mdl (11)<="" td=""><td><mdl (9.9]<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (11)<="" td=""><td><mdl (9.9]<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (9.9]<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl>	<mdl (8.6)<="" td=""></mdl>
Tetrachloroethene (PCE)	<mdl (13)<="" td=""><td><mdl (8.4)<="" td=""><td><mdl (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.4)<="" td=""><td><mdl (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (11)<="" td=""><td><mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (9.9)<="" td=""><td><mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (6.7)<="" td=""><td><mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (8.7)<="" td=""><td><mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (10)<="" td=""><td><mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl></td></mdl>	<mdl (12)<="" td=""><td><mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl></td></mdl>	<mdl (13)<="" td=""><td><mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl></td></mdl>	<mdl (7.0)<="" td=""><td><mdl (8.6)<="" td=""></mdl></td></mdl>	<mdl (8.6)<="" td=""></mdl>
—											

Notes

Total Xylenes

(1) - Criteria from Chapter 173-204 WAC - Sediment Quality Standard (SQS) values with the exception of antimony, nickel, 1,3-dichlorobenzene, hexachloroethane, pesticides, and

<MDL (8.7)

<MDL (10)

<MDL (12)

<MDL (13)

<MDL (7.0)

<MDL (8.6)

<MDL (6.7)

- (2) -
- (3) Maximum Level criterion not provided. Numeric criterion is PSDDA Bioaccumulation Trigger (BT).
- (4) Analytical results provided in μg/Kg DW (not mg/Kg OC) for comparison to dry weight PSDDA criteria.

<MDL (9.9)

mg/Kg DW - Milligrams per kilogram normalized to dry weight (based on sample-specific percent solids analysis).

<MDL (11)

- μg/Kg DW Micrograms per kilogram normalized to dry weight (based on sample-specific percent solids analysis).
- mg/Kg OC Milligrams per kilogram normalized to organic carbon (based on sample-specific total organic carbon analysis).
 - n/a Not applicable (no criterion given).
- <MDL (#) Analytical result is less than the Method Detection Limit (MDL). Value in parentheses is numeric MDL.
 - LPAHs Low molecular weight polynuclear aromatic hydrocarbons.

<MDL (8.4)

- HPAHs High molecular weight polynuclear aromatic hydrocarbons.
- PCBs Polychlorinated biphenyls.
- Shaded Cell (gray) MDL exceeds SQS/SL or CSL/ML criterion.
- Highlighted Cell (yellow) Analytical result exceeds SQS/SL criterion.

<MDL (13)

Highlighted Cell (blue) - Analytical result exceeds CSL/ML criterion.

APPENDIX A COMPLETE CHEMISTRY ANALYTICAL RESULTS

PROJECT: 423001	Descrip: Sampled:	DWMP-01 DENNY W Apr 09, 20 L20541-1 SALTWTF 39	VAY MON	_	Descr Samp	rip: oled: O: c:	DWMP-02 DENNY V Apr 09, 20 L20541-2 SALTWTI 59.5	VAY MON 001	ITORI		Sampled:	DENNY Apr 09, 2 L20541- SALTW	WAY MON 2001 3	- ITORI	Locator: Descrip: Sampled: Lab ID: Matrix: % Solids:	DENNY \ Apr 09, 2 L20541-4 SALTWT	WAY MONIT 001	ORI	
Parameters	Value	Qual - Dŋ	MDL Weight Ba	RDL Uni	s Val	ue	Qual - Dr	MDL y Weight Bas		Units	Value	Qual - r	MDL Ory Weight Bas	RDL Units	Value	Qual	MDL - Dry Weight Ba	RDL sis	Units
COMBINED LABS																			1)
M=CV ASTM D422					H														- 1
Clay *	17.8		0.1	%	- 1	11.4		0.1		%	17.1		0.1	%	15.6	i	0.1		%
Gravel *	7.7		0.1	%		5.3		0.1		%	0.75		0.1	%	9.4		0.1		%
p+0.00 *	4.7		0.1	%		3.1		0.1		%	3.6		0.1	%	5.1		0.1		%
p+1.00 *	3.7		0.1	%		6.4		0.1		%	4.3		0.1	%	5.9)	0.1		%
p+10.0 *	4.7		0.1	%		2.6		0.1		%	3.7		0.1	%	3.5		0.1		%
p+10.0(more than) *	8.7		0.1	%		5.5		0.1		%	8.2		0.1	%	7.5	5	0.1		%
p+2.00 *	4.5		0.1	%		15.5		0.1		%	12.2		0.1	%	9.8	3	0.1		%
p+3.00 *	7.6		0.1	%		17		0.1		%	10.7		0.1	%	10.9)	0.1		%
p+4.00 *	9.6		0.1	%		14		0.1		%	10.1		0.1	%	8.4		0.1		%
p+5.00 *	16.1		0.1	%		11.8		0.1		%	13.8		0.1	%	11		0,1		%
p+6.00 *	12.5		0.1	%		7		0.1		%	12.9		0.1	%	10.8	3	0,1		%
p+7.00 *	9.4		0.1	%		4.8		0.1	•	%	8.8		0.1	%	7		0.1		%
p+8.00 *	6.4		0.1			3.7		0.1		%	5.8		0.1	%	6.2	2	0.1		%
p+9.00 *	4.4		0.1	%		3.3		0.1		%	5.2		0,1	%	4.6		0.1		%
p-1.00 *	4.1		0.1	%		2.5		0.1		%	0.75		0.1	%	7		0.1		%
p-2.00 *	3.6		0.1	%		2.8		0.1		%		<mdl< td=""><td>0.1</td><td>%</td><td>2.4</td><td></td><td>0.1</td><td></td><td>%</td></mdl<>	0.1	%	2.4		0.1		%
p-2.00(less than) *		<mdl< td=""><td>0.1</td><td>9/</td><td></td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.1	9/			<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<>	0.1	%		<mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<>	0.1		%
Sand *	30.1		0.1			56		0.1		%	40.9		0.1	%	40.1		0.1		%
Silt *	44.4		0.1		_	27.3		0.1		%	41.3		0.1	%	35	5	0.1		%
M=CV EPA9060-PSEP96 (03-04-002-001)					_										J				
Total Organic Carbon	33100		1300	2560 mg/	(g 12	2800		840	1680	mg/Kg	24300		1100	2270 mg/K	15800)	990	1980	mg/Kg
M=CV SM2540-G (03-01-007-001)					_														
Total Solids *	39		0.005	0.01 %	→——	59.5		0.005	0.01	%	44.1		0.005	0.01 %	50.4		0.005	0.01	%
Total Volatile Solids	13.3		0.0128	0.0256 %	_	4.77		0.0084	0.0168	%	7.28		0.0113	0.0227 %	5.3	<u> </u>	0.00992	0.0198	%
M=CV SM4500-NH3-G (03-03-004-001)					_										ļ				
Ammonia Nitrogen	8.97		0.64	1.28 mg/	<u> </u>	2.24		0.42	0.84	mg/Kg	2.81		0.57	1.13 mg/K	g 2.22	<u>-</u>	0.5	0.992	mg/Kg
M=CV SM4500S2-D, EPA376.2															<u> </u>				
Total Sulfide	256		28	28.2 mg/	엘	7.56		1.5	1.5	mg/Kg	27.2		2.5	2.49 mg/K	9.33	3	2	1.98	mg/Kg
M=ES NONE					_						1000015				1				
Sampcoordx1 *	1264048			f		3916				ft	1263845			ft	1263631				ft
Sampcoordx2 *	1264052			f		3926				ft	1263855			ft	1263630		·		ft
Sampcoordx3 *						3923				ft	222211				1263638				ft
Sampcoordy1 *	228811			f		8771	4,44		-	ft	228644			ft	228557				ft
Sampcoordy2 *	228810			fi		8765				ft	228637			ft	228539				ft
Sampcoordy3 *						8772				ft	40				228552				ft
Sample Depth *	9			n	!1	12				m	16			m	23				m
Sample Start Time *	1006			h		1057				hr	1222			hr_	1330				hr
Sediment Sampling Depth *	11			Cr		10				cm	17			cm	14				cm
Sediment Sampling Range *	0-2 cm			no						none	0-2 cm			none					none
Sediment Type	23P30			no	e 23P3	U				none	23N20			none	23N20				none

PROJECT: 423001	Locator: DWMP-01 Descrip: DENNY W Sampled: Apr 09, 20 Lab ID: L20541-1 Matrix: SALTWTI % Solids: 39	VAY MOI 001	NITORI	Descrip: Sampled:	DWMP-02 DENNY W Apr 09, 20 L20541-2 SALTWTF 59.5	/AY MON	IITORI	Sampled:	DENNY W Apr 09, 20 L20541-3 SALTWTF	/AY MOI	- NITORI		Sampled:	DENNY V Apr 09, 20 L20541-4 SALTWT	VAY MONIT 001	ORI	
Parameters	Value Qual - Dŋ	MDL y Weight Ba	RDL Units	Value	Qual - Dŋ	MDL Weight Bas	RDL Units	Value	Qual - Dry	MDL Weight Ba		Units	Value	Qual	MDL Dry Weight Bas	RDL sis	Units
COMBINED LABS								1									
Tidal Condition	E		none	E			none	s				none	s				попе
Tide Height *	5		ft	2			ft	-0.1				ft	-0.1	1.140.10.1			ft
M=MT EPA 245.5 (06-01-004-003)																	
Mercury, Total, CVAA	0.615	0.051	0.503 mg/Kg	0.29	<rdl< td=""><td>0.034</td><td>0.331 mg/Kg</td><td>0.567</td><td></td><td>0.045</td><td>0.444</td><td>mg/Kg</td><td>0.38</td><td><rdl< td=""><td>0.04</td><td>0.395</td><td>mg/Kg</td></rdl<></td></rdl<>	0.034	0.331 mg/Kg	0.567		0.045	0.444	mg/Kg	0.38	<rdl< td=""><td>0.04</td><td>0.395</td><td>mg/Kg</td></rdl<>	0.04	0.395	mg/Kg
M=MT EPA3050A/6010B (06-02-004-002)																	
Antimony, Total, ICP	<mdl,g< td=""><td>3.8</td><td>19.3 mg/Kg</td><td></td><td><mdl,g< td=""><td>2.5</td><td>12.4 mg/Kg</td><td></td><td><mdl,g< td=""><td>3.4</td><td>17</td><td>mg/Kg</td><td></td><td><mdl,g< td=""><td>2.8</td><td>14.2</td><td>2 mg/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	3.8	19.3 mg/Kg		<mdl,g< td=""><td>2.5</td><td>12.4 mg/Kg</td><td></td><td><mdl,g< td=""><td>3.4</td><td>17</td><td>mg/Kg</td><td></td><td><mdl,g< td=""><td>2.8</td><td>14.2</td><td>2 mg/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	2.5	12.4 mg/Kg		<mdl,g< td=""><td>3.4</td><td>17</td><td>mg/Kg</td><td></td><td><mdl,g< td=""><td>2.8</td><td>14.2</td><td>2 mg/Kg</td></mdl,g<></td></mdl,g<>	3.4	17	mg/Kg		<mdl,g< td=""><td>2.8</td><td>14.2</td><td>2 mg/Kg</td></mdl,g<>	2.8	14.2	2 mg/Kg
Arsenic, Total, ICP	15 <rdl< td=""><td>6.4</td><td>32.1 mg/Kg</td><td>7.6</td><td><rdl< td=""><td>4.2</td><td>20.7 mg/Kg</td><td>9.8</td><td><rdl< td=""><td>5.7</td><td>28.3</td><td>mg/Kg</td><td>11</td><td><rdl< td=""><td>4.8</td><td></td><td>mg/Kg</td></rdl<></td></rdl<></td></rdl<></td></rdl<>	6.4	32.1 mg/Kg	7.6	<rdl< td=""><td>4.2</td><td>20.7 mg/Kg</td><td>9.8</td><td><rdl< td=""><td>5.7</td><td>28.3</td><td>mg/Kg</td><td>11</td><td><rdl< td=""><td>4.8</td><td></td><td>mg/Kg</td></rdl<></td></rdl<></td></rdl<>	4.2	20.7 mg/Kg	9.8	<rdl< td=""><td>5.7</td><td>28.3</td><td>mg/Kg</td><td>11</td><td><rdl< td=""><td>4.8</td><td></td><td>mg/Kg</td></rdl<></td></rdl<>	5.7	28.3	mg/Kg	11	<rdl< td=""><td>4.8</td><td></td><td>mg/Kg</td></rdl<>	4.8		mg/Kg
Cadmium, Total, ICP	0.72 <rdl,l< td=""><td>0.38</td><td>1.93 mg/Kg</td><td>0.34</td><td><rdl,l< td=""><td>0.25</td><td>1.24 mg/Kg</td><td>1</td><td><rdl,l< td=""><td>0.34</td><td>1.7</td><td>mg/Kg</td><td>0.28</td><td><rdl,l< td=""><td>0.28</td><td></td><td>2 mg/Kg</td></rdl,l<></td></rdl,l<></td></rdl,l<></td></rdl,l<>	0.38	1.93 mg/Kg	0.34	<rdl,l< td=""><td>0.25</td><td>1.24 mg/Kg</td><td>1</td><td><rdl,l< td=""><td>0.34</td><td>1.7</td><td>mg/Kg</td><td>0.28</td><td><rdl,l< td=""><td>0.28</td><td></td><td>2 mg/Kg</td></rdl,l<></td></rdl,l<></td></rdl,l<>	0.25	1.24 mg/Kg	1	<rdl,l< td=""><td>0.34</td><td>1.7</td><td>mg/Kg</td><td>0.28</td><td><rdl,l< td=""><td>0.28</td><td></td><td>2 mg/Kg</td></rdl,l<></td></rdl,l<>	0.34	1.7	mg/Kg	0.28	<rdl,l< td=""><td>0.28</td><td></td><td>2 mg/Kg</td></rdl,l<>	0.28		2 mg/Kg
Chromium, Total, ICP	49.5	0.64	3.21 mg/Kg	40.5		0.42	2.07 mg/Kg	42		0.57	2.83	mg/Kg	46.8	, ,	0.48		3 mg/Kg
Copper, Total, ICP	83.6	0.51	2.56 mg/Kg	42.5		0.34	1.65 mg/Kg	62.6		0.45	2.27	mg/Kg	48		0.38		mg/Kg
Lead, Total, ICP	118	3.8	19.3 mg/Kg	67.6		2.5	12.4 mg/Kg	73		3.4	17	mg/Kg	47.6		2.8		2 mg/Kg
Nickel, Total, ICP	38.7	2.6	12.8 mg/Kg	36		1.6	8.25 mg/Kg	39		2.3	11.3	mg/Kg	46.4		1.9		3 mg/Kg
Silver, Total, ICP	3.26	0.51	2.52 mg/Kg	2.05		0.34	1.66 mg/Kg	2.34		0.43	2.21	mg/Kg	1.2	<rdl< td=""><td>0.38</td><td></td><td>mg/Kg</td></rdl<>	0.38		mg/Kg
Zinc, Total, ICP	136	0.64	3.21 mg/Kg	88.9		0.42	2.07 mg/Kg			0.57	2.83	mg/Kg	90.1		0.48		mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)				1												X-t-mail-mail-mail-mail-mail-mail-mail-mail	
1,2,4-Trichlorobenzene	<mdl,g< td=""><td>0.67</td><td>1.36 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.44</td><td>0.891 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.59</td><td>1.2</td><td>ug/Kg</td><td>l</td><td><mdl,g< td=""><td>0.52</td><td>1.05</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.67	1.36 ug/Kg		<mdl,g< td=""><td>0.44</td><td>0.891 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.59</td><td>1.2</td><td>ug/Kg</td><td>l</td><td><mdl,g< td=""><td>0.52</td><td>1.05</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.44	0.891 ug/Kg		<mdl,g< td=""><td>0.59</td><td>1.2</td><td>ug/Kg</td><td>l</td><td><mdl,g< td=""><td>0.52</td><td>1.05</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.59	1.2	ug/Kg	l	<mdl,g< td=""><td>0.52</td><td>1.05</td><td>ug/Kg</td></mdl,g<>	0.52	1.05	ug/Kg
1,2-Dichlorobenzene	<mdl,g< td=""><td>0.67</td><td>1.36 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.44</td><td>0.891 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.59</td><td>1.2</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.52</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.67	1.36 ug/Kg		<mdl,g< td=""><td>0.44</td><td>0.891 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.59</td><td>1.2</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.52</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.44	0.891 ug/Kg		<mdl,g< td=""><td>0.59</td><td>1.2</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.52</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.59	1.2	ug/Kg		<mdl,g< td=""><td>0.52</td><td></td><td>ug/Kg</td></mdl,g<>	0.52		ug/Kg
1,2-Diphenylhydrazine	<mdl< td=""><td>26</td><td>51.3 ug/Kg</td><td></td><td><mdl< td=""><td>17</td><td>33.6 ug/Kg</td><td></td><td><mdl< td=""><td>23</td><td>45.4</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>20</td><td>39.7</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	26	51.3 ug/Kg		<mdl< td=""><td>17</td><td>33.6 ug/Kg</td><td></td><td><mdl< td=""><td>23</td><td>45.4</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>20</td><td>39.7</td><td></td></mdl<></td></mdl<></td></mdl<>	17	33.6 ug/Kg		<mdl< td=""><td>23</td><td>45.4</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>20</td><td>39.7</td><td></td></mdl<></td></mdl<>	23	45.4	ug/Kg	1	<mdl< td=""><td>20</td><td>39.7</td><td></td></mdl<>	20	39.7	
1,3-Dichlorobenzene	<mdl,x< td=""><td>0.67</td><td>1.36 ug/Kg</td><td>l</td><td><mdl,x< td=""><td>0.44</td><td>0.891 ug/Kg</td><td></td><td><mdl,x< td=""><td>0.59</td><td></td><td>ug/Kg</td><td> </td><td><mdl,x< td=""><td>0.52</td><td>1.05</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	0.67	1.36 ug/Kg	l	<mdl,x< td=""><td>0.44</td><td>0.891 ug/Kg</td><td></td><td><mdl,x< td=""><td>0.59</td><td></td><td>ug/Kg</td><td> </td><td><mdl,x< td=""><td>0.52</td><td>1.05</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<>	0.44	0.891 ug/Kg		<mdl,x< td=""><td>0.59</td><td></td><td>ug/Kg</td><td> </td><td><mdl,x< td=""><td>0.52</td><td>1.05</td><td></td></mdl,x<></td></mdl,x<>	0.59		ug/Kg	 	<mdl,x< td=""><td>0.52</td><td>1.05</td><td></td></mdl,x<>	0.52	1.05	
1,4-Dichlorobenzene	<mdl,g< td=""><td>0.33</td><td>0.677 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.22</td><td>0.444 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.29</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,c< td=""><td>0.26</td><td>0.524</td><td></td></mdl,c<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.33	0.677 ug/Kg		<mdl,g< td=""><td>0.22</td><td>0.444 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.29</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,c< td=""><td>0.26</td><td>0.524</td><td></td></mdl,c<></td></mdl,g<></td></mdl,g<>	0.22	0.444 ug/Kg		<mdl,g< td=""><td>0.29</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,c< td=""><td>0.26</td><td>0.524</td><td></td></mdl,c<></td></mdl,g<>	0.29		ug/Kg	1	<mdl,c< td=""><td>0.26</td><td>0.524</td><td></td></mdl,c<>	0.26	0.524	
2,4,5-Trichlorophenol	<mdl< td=""><td>31</td><td>61.5 ug/Kg</td><td></td><td><mdl< td=""><td>20</td><td>40.3 ug/Kg</td><td></td><td><mdl,g< td=""><td>27</td><td>54.4</td><td>ug/Kg</td><td> </td><td><mdl< td=""><td>24</td><td>47.6</td><td></td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	31	61.5 ug/Kg		<mdl< td=""><td>20</td><td>40.3 ug/Kg</td><td></td><td><mdl,g< td=""><td>27</td><td>54.4</td><td>ug/Kg</td><td> </td><td><mdl< td=""><td>24</td><td>47.6</td><td></td></mdl<></td></mdl,g<></td></mdl<>	20	40.3 ug/Kg		<mdl,g< td=""><td>27</td><td>54.4</td><td>ug/Kg</td><td> </td><td><mdl< td=""><td>24</td><td>47.6</td><td></td></mdl<></td></mdl,g<>	27	54.4	ug/Kg	 	<mdl< td=""><td>24</td><td>47.6</td><td></td></mdl<>	24	47.6	
2,4,6-Trichlorophenol	<mdl< td=""><td>33</td><td>66.7 ug/Kg</td><td></td><td><mdl< td=""><td>22</td><td>43.7 ug/Kg</td><td></td><td><mdl,g< td=""><td>29</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl< td=""><td>26</td><td>51.6</td><td></td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	33	66.7 ug/Kg		<mdl< td=""><td>22</td><td>43.7 ug/Kg</td><td></td><td><mdl,g< td=""><td>29</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl< td=""><td>26</td><td>51.6</td><td></td></mdl<></td></mdl,g<></td></mdl<>	22	43.7 ug/Kg		<mdl,g< td=""><td>29</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl< td=""><td>26</td><td>51.6</td><td></td></mdl<></td></mdl,g<>	29		ug/Kg	<u> </u>	<mdl< td=""><td>26</td><td>51.6</td><td></td></mdl<>	26	51.6	
2,4-Dichlorophenol	<mdl< td=""><td>41</td><td>82.1 ug/Kg</td><td></td><td><mdl< td=""><td>27</td><td>53.8 ug/Kg</td><td></td><td><mdl,g< td=""><td>36</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	41	82.1 ug/Kg		<mdl< td=""><td>27</td><td>53.8 ug/Kg</td><td></td><td><mdl,g< td=""><td>36</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	27	53.8 ug/Kg		<mdl,g< td=""><td>36</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<></td></mdl,g<>	36		ug/Kg		<mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<>	32		5 ug/Kg
2,4-Dimethylphenol	<mdl< td=""><td>18</td><td>35.9 ug/Kg</td><td></td><td><mdl< td=""><td>12</td><td>23.5 ug/Kg</td><td></td><td><mdl,g< td=""><td>16</td><td>31.7</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>14</td><td></td><td>3 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	18	35.9 ug/Kg		<mdl< td=""><td>12</td><td>23.5 ug/Kg</td><td></td><td><mdl,g< td=""><td>16</td><td>31.7</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>14</td><td></td><td>3 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	12	23.5 ug/Kg		<mdl,g< td=""><td>16</td><td>31.7</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>14</td><td></td><td>3 ug/Kg</td></mdl<></td></mdl,g<>	16	31.7	ug/Kg	1	<mdl< td=""><td>14</td><td></td><td>3 ug/Kg</td></mdl<>	14		3 ug/Kg
2,4-Dinitrotoluene	<mdl,l< td=""><td>7.7</td><td>15.4 ug/Kg</td><td>1</td><td><mdl,l< td=""><td>5</td><td>10.1 ug/Kg</td><td></td><td><mdl,l< td=""><td>6.8</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,l< td=""><td>6</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	7.7	15.4 ug/Kg	1	<mdl,l< td=""><td>5</td><td>10.1 ug/Kg</td><td></td><td><mdl,l< td=""><td>6.8</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,l< td=""><td>6</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	5	10.1 ug/Kg		<mdl,l< td=""><td>6.8</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,l< td=""><td>6</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<>	6.8		ug/Kg	1	<mdl,l< td=""><td>6</td><td></td><td>ug/Kg</td></mdl,l<>	6		ug/Kg
2,6-Dinitrotoluene	<mdl,l< td=""><td>26</td><td>51.3 ug/Kg</td><td>1</td><td><mdl,l< td=""><td>17</td><td>33.6 ug/Kg</td><td></td><td><mdl,l< td=""><td>23</td><td></td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>20</td><td>39.7</td><td></td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	26	51.3 ug/Kg	1	<mdl,l< td=""><td>17</td><td>33.6 ug/Kg</td><td></td><td><mdl,l< td=""><td>23</td><td></td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>20</td><td>39.7</td><td></td></mdl,l<></td></mdl,l<></td></mdl,l<>	17	33.6 ug/Kg		<mdl,l< td=""><td>23</td><td></td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>20</td><td>39.7</td><td></td></mdl,l<></td></mdl,l<>	23		ug/Kg		<mdl,l< td=""><td>20</td><td>39.7</td><td></td></mdl,l<>	20	39.7	
2-Chloronaphthalene	<mdl< td=""><td>41</td><td>82.1 ug/Kg</td><td></td><td><mdl< td=""><td>27</td><td>53.8 ug/Kg</td><td></td><td><mdl< td=""><td>36</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td>63.5</td><td>5 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	41	82.1 ug/Kg		<mdl< td=""><td>27</td><td>53.8 ug/Kg</td><td></td><td><mdl< td=""><td>36</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td>63.5</td><td>5 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	27	53.8 ug/Kg		<mdl< td=""><td>36</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td>63.5</td><td>5 ug/Kg</td></mdl<></td></mdl<>	36		ug/Kg		<mdl< td=""><td>32</td><td>63.5</td><td>5 ug/Kg</td></mdl<>	32	63.5	5 ug/Kg
2-Chlorophenol	<mdl,g< td=""><td>21</td><td>41 ug/Kg</td><td></td><td><mdl,g< td=""><td>13</td><td>26.9 ug/Kg</td><td></td><td><mdl,g< td=""><td>18</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>16</td><td>31.7</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	21	41 ug/Kg		<mdl,g< td=""><td>13</td><td>26.9 ug/Kg</td><td></td><td><mdl,g< td=""><td>18</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>16</td><td>31.7</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	13	26.9 ug/Kg		<mdl,g< td=""><td>18</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>16</td><td>31.7</td><td></td></mdl,g<></td></mdl,g<>	18		ug/Kg	1	<mdl,g< td=""><td>16</td><td>31.7</td><td></td></mdl,g<>	16	31.7	
2-Methylnaphthalene	,51 <rdl< td=""><td>36</td><td>71.8 ug/Kg</td><td>30</td><td><rdl< td=""><td>24</td><td>47.1 ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td>63.5</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>28</td><td>55.6</td><td></td></mdl<></td></mdl<></td></rdl<></td></rdl<>	36	71.8 ug/Kg	30	<rdl< td=""><td>24</td><td>47.1 ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td>63.5</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>28</td><td>55.6</td><td></td></mdl<></td></mdl<></td></rdl<>	24	47.1 ug/Kg		<mdl< td=""><td>32</td><td>63.5</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>28</td><td>55.6</td><td></td></mdl<></td></mdl<>	32	63.5	ug/Kg	1	<mdl< td=""><td>28</td><td>55.6</td><td></td></mdl<>	28	55.6	
2-Methylphenol	<mdl< td=""><td>49</td><td>97.4 ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td>63.9 ug/Kg</td><td></td><td><mdl,g< td=""><td>43</td><td>86.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td>75.4</td><td>4 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	49	97.4 ug/Kg		<mdl< td=""><td>32</td><td>63.9 ug/Kg</td><td></td><td><mdl,g< td=""><td>43</td><td>86.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td>75.4</td><td>4 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	32	63.9 ug/Kg		<mdl,g< td=""><td>43</td><td>86.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td>75.4</td><td>4 ug/Kg</td></mdl<></td></mdl,g<>	43	86.2	ug/Kg		<mdl< td=""><td>38</td><td>75.4</td><td>4 ug/Kg</td></mdl<>	38	75.4	4 ug/Kg
2-Nitrophenol	<mdl< td=""><td>38</td><td>76.9 ug/Kg</td><td></td><td><mdl< td=""><td>25</td><td>50.4 ug/Kg</td><td></td><td><mdl,g< td=""><td>34</td><td>68</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>30</td><td>59.5</td><td>5 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	38	76.9 ug/Kg		<mdl< td=""><td>25</td><td>50.4 ug/Kg</td><td></td><td><mdl,g< td=""><td>34</td><td>68</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>30</td><td>59.5</td><td>5 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	25	50.4 ug/Kg		<mdl,g< td=""><td>34</td><td>68</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>30</td><td>59.5</td><td>5 ug/Kg</td></mdl<></td></mdl,g<>	34	68	ug/Kg		<mdl< td=""><td>30</td><td>59.5</td><td>5 ug/Kg</td></mdl<>	30	59.5	5 ug/Kg
4-Bromophenyl Phenyl Ether	<mdl< td=""><td>23</td><td>46.2 ug/Kg</td><td></td><td><mdl< td=""><td>15</td><td>30.3 ug/Kg</td><td></td><td><mdl< td=""><td>20</td><td>40.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>18</td><td>35.7</td><td>7 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	23	46.2 ug/Kg		<mdl< td=""><td>15</td><td>30.3 ug/Kg</td><td></td><td><mdl< td=""><td>20</td><td>40.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>18</td><td>35.7</td><td>7 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	15	30.3 ug/Kg		<mdl< td=""><td>20</td><td>40.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>18</td><td>35.7</td><td>7 ug/Kg</td></mdl<></td></mdl<>	20	40.8	ug/Kg		<mdl< td=""><td>18</td><td>35.7</td><td>7 ug/Kg</td></mdl<>	18	35.7	7 ug/Kg
4-Chlorophenyl Phenyl Ether	<mdl< td=""><td>33</td><td>66.7 ug/Kg</td><td></td><td><mdl< td=""><td>22</td><td>43.7 ug/Kg</td><td></td><td><mdl< td=""><td>29</td><td>59</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>26</td><td>51.6</td><td>g ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	33	66.7 ug/Kg		<mdl< td=""><td>22</td><td>43.7 ug/Kg</td><td></td><td><mdl< td=""><td>29</td><td>59</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>26</td><td>51.6</td><td>g ug/Kg</td></mdl<></td></mdl<></td></mdl<>	22	43.7 ug/Kg		<mdl< td=""><td>29</td><td>59</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>26</td><td>51.6</td><td>g ug/Kg</td></mdl<></td></mdl<>	29	59	ug/Kg		<mdl< td=""><td>26</td><td>51.6</td><td>g ug/Kg</td></mdl<>	26	51.6	g ug/Kg
4-Methylphenol	<mdl< td=""><td>41</td><td>82.1 ug/Kg</td><td></td><td><mdl< td=""><td>27</td><td>53.8 ug/Kg</td><td></td><td><mdl,g< td=""><td>36</td><td>72.6</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	41	82.1 ug/Kg		<mdl< td=""><td>27</td><td>53.8 ug/Kg</td><td></td><td><mdl,g< td=""><td>36</td><td>72.6</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	27	53.8 ug/Kg		<mdl,g< td=""><td>36</td><td>72.6</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<></td></mdl,g<>	36	72.6	ug/Kg		<mdl< td=""><td>32</td><td></td><td>5 ug/Kg</td></mdl<>	32		5 ug/Kg
Acenaphthene	103	18	35.9 ug/Kg	71.8		12	23.5 ug/Kg	92.1		16	31.7	ug/Kg	22	<rdl< td=""><td>14</td><td>27.8</td><td>8 ug/Kg</td></rdl<>	14	27.8	8 ug/Kg
Acenaphthylene	285	38	76.9 ug/Kg	50.4	RDL	25	50.4 ug/Kg		<rdl< td=""><td>34</td><td>68</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>30</td><td></td><td>5 ug/Kg</td></mdl<></td></rdl<>	34	68	ug/Kg		<mdl< td=""><td>30</td><td></td><td>5 ug/Kg</td></mdl<>	30		5 ug/Kg
Aniline	<mdl,x< td=""><td>49</td><td>97.4 ug/Kg</td><td></td><td><mdl,x< td=""><td>32</td><td>63.9 ug/Kg</td><td></td><td><mdl,x< td=""><td>43</td><td>86.2</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>. 38</td><td>75.4</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	49	97.4 ug/Kg		<mdl,x< td=""><td>32</td><td>63.9 ug/Kg</td><td></td><td><mdl,x< td=""><td>43</td><td>86.2</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>. 38</td><td>75.4</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<>	32	63.9 ug/Kg		<mdl,x< td=""><td>43</td><td>86.2</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>. 38</td><td>75.4</td><td></td></mdl,x<></td></mdl,x<>	43	86.2	ug/Kg		<mdl,x< td=""><td>. 38</td><td>75.4</td><td></td></mdl,x<>	. 38	75.4	
Anthracene	1500 G	10	20.5 ug/Kg	373	G	6.7	13.4 ug/Kg		G	9.1	18.1	ug/Kg	152	G	7.9	15.9	g ug/Kg
Benzo(a)anthracene	3560 X	5.1	10.3 ug/Kg	753	Х	3.4	6.72 ug/Kg	601	Х	4.5		ug/Kg	308	Х	4	7.94	
Benzo(a)pyrene	5740 X	7.7	15.4 ug/Kg	810		5	10.1 ug/Kg	1)	Х	6.8		ug/Kg	405		6	11.9	
Benzo(b)fluoranthene	8260 X,L	7.7	15.4 ug/Kg	1000	X,L	5	10.1 ug/Kg	782	X,L	6.8		ug/Kg		X,L	6	11.9	

ILocator: DWMP-02

Locator: DWMP-01

PROJECT: 423001

Locator: DWMP-03

Locator: DWMP-04

PROJECT: 423001		DWMP-0		u=004	Locator:	DWMP-0				1	DVVMP-03		UTOD!		1	DVVMP-04		001	l
	•	DENNY V		ITORI	Descrip:			ITORI		11 '	DENNY V		HORI				VAY MONIT	JRI	
		Apr 09, 20	101		11	: Apr 09, 20				Sampled:		101			Sampled:		101		
	Lab ID:	L20541-1	2055		Lab ID:	L20541-2					L20541-3	2000			1	L20541-4 SALTWTI	acen.		i
	Matrix:	SALTWT	KSED		Matrix: % Solids	SALTWT	KSED			Matrix: % Solids:	SALTWI	49ED			Matrix: % Solids:		19ED		
	% Solids:	39			1% Solids	. 59.5				50ilas:	44. 1				% Solids.	50.4			
Parameters	Value	Qual - Dr	MDL y Weight Bas	RDL Ur	ts Value	Qual - Dr	MDL ry Weight Ba		Units	Value	Qual - Dŋ	MDL / Weight Bas	RDL sis	Units	Value	Qual	MDL Dry Weight Bas		Units
COMBINED LABS																			
Benzo(g,h,i)perylene	2280		21	41 ug/			13	26.9		182	X,G	18		ug/Kg		X,G	16		ug/Kg
Benzo(k)fluoranthene	2720		7.7	15.4 ug/			5		ug/Kg		G,L	6.8	13.6		240	G,L	6		ug/Kg
Benzoic Acid	392		15	30.8 ug/	(g) 23		10	20.2		215	G	14		ug/Kg	256		12		ug/Kg
Benzyl Alcohol		<mdl,x< td=""><td>15</td><td>30.8 ug/</td><td></td><td><mdl,x< td=""><td>10</td><td>20.2</td><td></td><td></td><td><mdl,x< td=""><td>14</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	15	30.8 ug/		<mdl,x< td=""><td>10</td><td>20.2</td><td></td><td></td><td><mdl,x< td=""><td>14</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	10	20.2			<mdl,x< td=""><td>14</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<>	14		ug/Kg		<mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<>			ug/Kg
Benzyl Butyl Phthalate	397		15	30.8 ug/			10	20.2		109	L	14		ug/Kg	105		12		ug/Kg
Bis(2-Chloroethoxy)Methane		<mdl< td=""><td>44</td><td>87.2 ug</td><td></td><td><mdl< td=""><td>29</td><td></td><td>ug/Kg</td><td>4</td><td><mdl< td=""><td>39</td><td>77.1</td><td>ug/Kg</td><td><u> </u> </td><td><mdl< td=""><td>34</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	44	87.2 ug		<mdl< td=""><td>29</td><td></td><td>ug/Kg</td><td>4</td><td><mdl< td=""><td>39</td><td>77.1</td><td>ug/Kg</td><td><u> </u> </td><td><mdl< td=""><td>34</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	29		ug/Kg	4 	<mdl< td=""><td>39</td><td>77.1</td><td>ug/Kg</td><td><u> </u> </td><td><mdl< td=""><td>34</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	39	77.1	ug/Kg	<u> </u>	<mdl< td=""><td>34</td><td></td><td>ug/Kg</td></mdl<>	34		ug/Kg
Bis(2-Chloroethyl)Ether		<mdl,g< td=""><td>38</td><td>76.9 ug</td><td></td><td><mdl,g< td=""><td>25</td><td>• • • • • • • • • • • • • • • • • • • •</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>34</td><td>68</td><td></td><td></td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	38	76.9 ug		<mdl,g< td=""><td>25</td><td>• • • • • • • • • • • • • • • • • • • •</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>34</td><td>68</td><td></td><td></td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	25	• • • • • • • • • • • • • • • • • • • •	ug/Kg		<mdl,g< td=""><td>34</td><td>68</td><td></td><td></td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	34	68			<mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<>			ug/Kg
Bis(2-Chloroisopropyl)Ether		<mdl< td=""><td>38</td><td>76.9 ug/</td><td></td><td><mdl< td=""><td>25</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>34</td><td>68</td><td></td><td><u> </u></td><td><mdl< td=""><td>30</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	38	76.9 ug/		<mdl< td=""><td>25</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>34</td><td>68</td><td></td><td><u> </u></td><td><mdl< td=""><td>30</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	25		ug/Kg		<mdl< td=""><td>34</td><td>68</td><td></td><td><u> </u></td><td><mdl< td=""><td>30</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	34	68		<u> </u>	<mdl< td=""><td>30</td><td></td><td>ug/Kg</td></mdl<>	30		ug/Kg
Bis(2-Ethylhexyl)Phthalate	2380		17	35.9 ug			11	23.5			G	15	31,7		510	G	13		ug/Kg
Caffeine		<mdl< td=""><td>15</td><td>30.8 ug</td><td><u> </u></td><td><mdl< td=""><td>10</td><td>20.2</td><td></td><td></td><td><mdl< td=""><td>14</td><td>27.2</td><td></td><td></td><td><mdl< td=""><td>12</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	15	30.8 ug	<u> </u>	<mdl< td=""><td>10</td><td>20.2</td><td></td><td></td><td><mdl< td=""><td>14</td><td>27.2</td><td></td><td></td><td><mdl< td=""><td>12</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	10	20.2			<mdl< td=""><td>14</td><td>27.2</td><td></td><td></td><td><mdl< td=""><td>12</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	14	27.2			<mdl< td=""><td>12</td><td></td><td>ug/Kg</td></mdl<>	12		ug/Kg
Carbazole	349		18	35.9 ug	-		12	23.5				16	31.7		46.6		14		ug/Kg
Chrysene	6820		10	20.5 ug	⊸ ⊢——		6.7	13.4			X,L	9.1	18.1	ug/Kg	405	X,L	7.9		ug/Kg
Coprostanol		<mdl,x< td=""><td>36</td><td>71.8 ug</td><td></td><td><mdl,x< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>32</td><td>63.5</td><td></td><td></td><td><mdl,x< td=""><td>28</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	36	71.8 ug		<mdl,x< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>32</td><td>63.5</td><td></td><td></td><td><mdl,x< td=""><td>28</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	24		ug/Kg		<mdl,x< td=""><td>32</td><td>63.5</td><td></td><td></td><td><mdl,x< td=""><td>28</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<>	32	63.5			<mdl,x< td=""><td>28</td><td></td><td>ug/Kg</td></mdl,x<>	28		ug/Kg
Dibenzo(a,h)anthracene	305		18	35.9 ug			12	23.5				16	31.7		39.1	G,L	14		ug/Kg
Dibenzofuran	56		36	71.8 ug	91	9 <rdl< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>32</td><td>63.5</td><td></td><td></td><td><mdl< td=""><td>28</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></rdl<>	24		ug/Kg		<mdl< td=""><td>32</td><td>63.5</td><td></td><td></td><td><mdl< td=""><td>28</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	32	63.5			<mdl< td=""><td>28</td><td></td><td>ug/Kg</td></mdl<>	28		ug/Kg
Diethyl Phthalate	18		15	30.8 ug		<mdl< td=""><td>10</td><td>20.2</td><td></td><td></td><td><mdl< td=""><td>14</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>12</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	10	20.2			<mdl< td=""><td>14</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>12</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	14		ug/Kg		<mdl< td=""><td>12</td><td></td><td>ug/Kg</td></mdl<>	12		ug/Kg
Dimethyl Phthalate		<mdl,l< td=""><td>28</td><td>56.4 ug</td><td></td><td><mdl,l< td=""><td>18</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,l< td=""><td>25</td><td>49.9</td><td></td><td><u> </u> </td><td><mdl,l< td=""><td>22</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	28	56.4 ug		<mdl,l< td=""><td>18</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,l< td=""><td>25</td><td>49.9</td><td></td><td><u> </u> </td><td><mdl,l< td=""><td>22</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	18		ug/Kg	1	<mdl,l< td=""><td>25</td><td>49.9</td><td></td><td><u> </u> </td><td><mdl,l< td=""><td>22</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<>	25	49.9		<u> </u>	<mdl,l< td=""><td>22</td><td></td><td>ug/Kg</td></mdl,l<>	22		ug/Kg
Di-N-Butyl Phthalate	111	<u> </u>	13	25.6 ug	<u> </u>		8.4		ug/Kg		B,L	11	22.7	ug/Kg	75.2		9.9		ug/Kg
Di-N-Octyl Phthalate		<mdl,l< td=""><td>21</td><td>41 ug</td><td></td><td><mdl,l< td=""><td>13</td><td></td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>18</td><td>36.3</td><td></td><td></td><td><mdl,l< td=""><td>16</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	21	41 ug		<mdl,l< td=""><td>13</td><td></td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>18</td><td>36.3</td><td></td><td></td><td><mdl,l< td=""><td>16</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	13		ug/Kg		<mdl,l< td=""><td>18</td><td>36.3</td><td></td><td></td><td><mdl,l< td=""><td>16</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<>	18	36.3			<mdl,l< td=""><td>16</td><td></td><td>ug/Kg</td></mdl,l<>	16		ug/Kg
Fluoranthene	4230		21	41 ug			13		ug/Kg		X	18	36.3		464	Х	16		ug/Kg
Fluorene	174		33	66.7 ug			22	43.7				29	59		28		26		ug/Kg
Hexachiorobenzene		<mdl,g< td=""><td>1.7</td><td>3.41 ug</td><td></td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.5</td><td>3.02</td><td></td><td></td><td><mdl,g< td=""><td></td><td>2.64</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.7	3.41 ug		<mdl,g< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.5</td><td>3.02</td><td></td><td></td><td><mdl,g< td=""><td></td><td>2.64</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>			ug/Kg		<mdl,g< td=""><td>1.5</td><td>3.02</td><td></td><td></td><td><mdl,g< td=""><td></td><td>2.64</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	1.5	3.02			<mdl,g< td=""><td></td><td>2.64</td><td>ug/Kg</td></mdl,g<>		2.64	ug/Kg
Hexachlorobutadiene		<mdl,g< td=""><td>1.9</td><td>3.85 ug</td><td></td><td><mdl,g< td=""><td></td><td>2.52</td><td></td><td></td><td><mdl,g< td=""><td>1.7</td><td></td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.9	3.85 ug		<mdl,g< td=""><td></td><td>2.52</td><td></td><td></td><td><mdl,g< td=""><td>1.7</td><td></td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>		2.52			<mdl,g< td=""><td>1.7</td><td></td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	1.7		ug/Kg	 	<mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<>			ug/Kg
Hexachloroethane		<mdl,x< td=""><td>38</td><td>76.9 ug</td><td></td><td><mdl,x< td=""><td>25</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,x< td=""><td>34</td><td>68</td><td></td><td></td><td><mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	38	76.9 ug		<mdl,x< td=""><td>25</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,x< td=""><td>34</td><td>68</td><td></td><td></td><td><mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	25		ug/Kg	1	<mdl,x< td=""><td>34</td><td>68</td><td></td><td></td><td><mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<>	34	68			<mdl,x< td=""><td></td><td></td><td>ug/Kg</td></mdl,x<>			ug/Kg
Indeno(1,2,3-Cd)Pyrene	2670		23	46.2 ug			15		ug/Kg		X	20	40.8		161	X	18		ug/Kg
Isophorone		<mdl< td=""><td>49</td><td>97.4 ug</td><td></td><td><mdl< td=""><td>32</td><td></td><td>ug/Kg</td><td>√</td><td><mdl< td=""><td>43</td><td>86.2</td><td></td><td>ļ</td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	49	97.4 ug		<mdl< td=""><td>32</td><td></td><td>ug/Kg</td><td>√</td><td><mdl< td=""><td>43</td><td>86.2</td><td></td><td>ļ</td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	32		ug/Kg	√	<mdl< td=""><td>43</td><td>86.2</td><td></td><td>ļ</td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	43	86.2		ļ	<mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<>	38		ug/Kg
Naphthalene	56	<rdl,g< td=""><td>36</td><td>71.8 ug</td><td></td><td>2 <rdl,g< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>32</td><td>63.5</td><td></td><td>ļ</td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></rdl,g<></td></rdl,g<>	36	71.8 ug		2 <rdl,g< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>32</td><td>63.5</td><td></td><td>ļ</td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></rdl,g<>	24		ug/Kg		<mdl,g< td=""><td>32</td><td>63.5</td><td></td><td>ļ</td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	32	63.5		ļ	<mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<>			ug/Kg
Nitrobenzene		<mdl,g< td=""><td>41</td><td>82.1 ug</td><td></td><td><mdl,g< td=""><td></td><td>53.8</td><td></td><td></td><td><mdl,g< td=""><td>36</td><td>72.6</td><td></td><td> </td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	41	82.1 ug		<mdl,g< td=""><td></td><td>53.8</td><td></td><td></td><td><mdl,g< td=""><td>36</td><td>72.6</td><td></td><td> </td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>		53.8			<mdl,g< td=""><td>36</td><td>72.6</td><td></td><td> </td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	36	72.6		 	<mdl,g< td=""><td></td><td></td><td>ug/Kg</td></mdl,g<>			ug/Kg
N-Nitrosodimethylamine		<mdl< td=""><td>51</td><td>103 ug</td><td></td><td><mdl< td=""><td>34</td><td>67.2</td><td></td><td></td><td><mdl< td=""><td>45</td><td>90.7</td><td></td><td> </td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	51	103 ug		<mdl< td=""><td>34</td><td>67.2</td><td></td><td></td><td><mdl< td=""><td>45</td><td>90.7</td><td></td><td> </td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	34	67.2			<mdl< td=""><td>45</td><td>90.7</td><td></td><td> </td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	45	90.7		 	<mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<>	40		ug/Kg
N-Nitrosodi-N-Propylamine		<mdl< td=""><td>23</td><td>46.2 ug</td><td></td><td><mdl< td=""><td>15</td><td>30.3</td><td></td><td></td><td><mdl< td=""><td>20</td><td>40.8</td><td></td><td></td><td><mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	23	46.2 ug		<mdl< td=""><td>15</td><td>30.3</td><td></td><td></td><td><mdl< td=""><td>20</td><td>40.8</td><td></td><td></td><td><mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	15	30.3			<mdl< td=""><td>20</td><td>40.8</td><td></td><td></td><td><mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	20	40.8			<mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<>	18		ug/Kg
N-Nitrosodiphenylamine		<mdl< td=""><td>51</td><td>103 ug</td><td></td><td><mdl< td=""><td>34</td><td>67.2</td><td></td><td></td><td><mdl< td=""><td>45</td><td>90.7</td><td></td><td>ļ</td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	51	103 ug		<mdl< td=""><td>34</td><td>67.2</td><td></td><td></td><td><mdl< td=""><td>45</td><td>90.7</td><td></td><td>ļ</td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	34	67.2			<mdl< td=""><td>45</td><td>90.7</td><td></td><td>ļ</td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	45	90.7		ļ	<mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<>	40		ug/Kg
Pentachlorophenol		<mdl< td=""><td>13</td><td>25.6 ug</td><td></td><td><mdl< td=""><td>8.4</td><td>16.8</td><td></td><td>1——</td><td><mdl,g< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	13	25.6 ug		<mdl< td=""><td>8.4</td><td>16.8</td><td></td><td>1——</td><td><mdl,g< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	8.4	16.8		1——	<mdl,g< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl,g<>	11	22.7	ug/Kg		<mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<>	9.9		ug/Kg
Phenanthrene	1940		10	20.5 ug			6.7		ug/Kg			9.1	18.1	ug/Kg	232		7.9		ug/Kg
Phenol		<mdl< td=""><td>23</td><td>46.2 ug</td><td></td><td><mdl< td=""><td>15</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>20</td><td>40.8</td><td></td><td><u> </u></td><td><mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	23	46.2 ug		<mdl< td=""><td>15</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>20</td><td>40.8</td><td></td><td><u> </u></td><td><mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	15		ug/Kg		<mdl,g< td=""><td>20</td><td>40.8</td><td></td><td><u> </u></td><td><mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<></td></mdl,g<>	20	40.8		<u> </u>	<mdl< td=""><td>18</td><td></td><td>ug/Kg</td></mdl<>	18		ug/Kg
Pyrene	4690	X,G	10	20.5 ug	Kg 125	0 X,G	6.7	13.4	ug/Kg	1050	X,G	9.1	18.1	ug/Kg	407	X,G	7.9	15.9	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)										<u> </u>					 				
4,4'-DDD	11.6		0.69	1.37 ug			0.45		ug/Kg	4	E	0.61	1.21	<u> </u>	4.44		0.54		
4,4'-DDE	2.15		0.69		Kg 0.92	- , -	0.45		ug/Kg			0.61	1.21	ug/Kg	-	<rdl,g,< td=""><td></td><td></td><td>ug/Kg</td></rdl,g,<>			ug/Kg
4,4'-DDT		<mdl< td=""><td>0.69</td><td></td><td>Kg</td><td><mdl,e< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>0.61</td><td>1.21</td><td></td><td></td><td><mdl,e< td=""><td></td><td></td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<></td></mdl<>	0.69		Kg	<mdl,e< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>0.61</td><td>1.21</td><td></td><td></td><td><mdl,e< td=""><td></td><td></td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>			ug/Kg		<mdl,e< td=""><td>0.61</td><td>1.21</td><td></td><td></td><td><mdl,e< td=""><td></td><td></td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	0.61	1.21			<mdl,e< td=""><td></td><td></td><td>ug/Kg</td></mdl,e<>			ug/Kg
Aldrin		<mdl< td=""><td>0.69</td><td>1.37 ug</td><td><u> </u></td><td><mdl< td=""><td>0.45</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37 ug	<u> </u>	<mdl< td=""><td>0.45</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45		ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Alpha-BHC		<mdl< td=""><td>0.69</td><td>1.37 ug</td><td>Kg</td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>11</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37 ug	Kg	<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>11</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg	1	<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>11</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg	11	<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg

PROJECT: 423001	Descrip: Sampled:	DWMP-0 DENNY V Apr 09, 20 L20541-1 SALTWT 39	NAY MON	IITORI		Descrip: Sampled: Lab ID:	L20541-2 SALTWT	VAY MON	IITORI		Descrip:	DWMP-03 DENNY W Apr 09, 20 L20541-3 SALTWTR 44.1	'AY MON 01	ITORI		Locator: Descrip: Sampled: Lab ID: Matrix: % Solids:	Apr 09, 2 L20541-4 SALTWT	VAY MONIT	ORI	
Parameters	Value	Qual - Dr	MDL ry Weight Bas	RDL iis	Units	Value	Qual - Dry	MDL y Weight Ba	RDL sis	Units	Value	Qual - Dry	MDL Weight Bas	RDL is	Units	Value	Qual	MDL Dry Weight Bas	RDL	Units
COMBINED LABS																				
Aroclor 1016		<mdl< td=""><td>6.9</td><td>13.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.7	ug/Kg		<mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	4.5	8.96	ug/Kg		<mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<>	6.1	12.1	ug/Kg		<mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<>	5.4	10.6	ug/Kg
Aroclor 1221		<mdl< td=""><td>6.9</td><td>13.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.7	ug/Kg		<mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	4.5	8.96	ug/Kg		<mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<>	6.1	12.1	ug/Kg		<mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<>	5.4	10.6	ug/Kg
Aroclor 1232		<mdl< td=""><td>6.9</td><td>13.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.7	ug/Kg		<mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	4.5	8.96	ug/Kg		<mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<>	6.1	12.1	ug/Kg		<mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<>	5.4	10.6	ug/Kg
Aroclor 1242		<mdl< td=""><td>6.9</td><td>13.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.5</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.7	ug/Kg		<mdl< td=""><td>4.5</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	4.5		ug/Kg		<mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<>	6.1	12.1	ug/Kg		<mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<>	5.4	10.6	ug/Kg
Aroclor 1248	109		6.9	13.7	ug/Kg	39.3	E	4.5	8.96	ug/Kg	134		6.1	12.1	ug/Kg	27.6		5.4		ug/Kg
Aroclor 1254	231		6.9	13.7	ug/Kg	98.2		4.5	8.96	ug/Kg	270		6.1	12.1	ug/Kg	68.5		5.4	10.6	ug/Kg
Aroclor 1260	193		6.9	13.7	ug/Kg	95.8	G	4.5	8.96	ug/Kg	184	G	6.1	12.1	ug/Kg	77.4	G	5.4	10.6	ug/Kg
Beta-BHC		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Chlordane		<mdl< td=""><td>2.6</td><td>5.13</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td>li</td><td><mdl< td=""><td>2.3</td><td>4.54</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	2.6	5.13	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td>li</td><td><mdl< td=""><td>2.3</td><td>4.54</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg	li	<mdl< td=""><td>2.3</td><td>4.54</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<></td></mdl<>	2.3	4.54	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<>	0.54	1.06	
Delta-BHC		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Dieldrin		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Endosulfan I		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td></td></mdl<>	0.54	1.06	
Endosulfan II		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Endosulfan Sulfate		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>·</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>·</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>·</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg	·	<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Endrin		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Endrin Aldehyde		<mdl,g< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl,c< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl,c<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.69	1.37	ug/Kg		<mdl,g< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl,c< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl,c<></td></mdl,g<></td></mdl,g<>	0.45	0.896	ug/Kg		<mdl,g< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl,c< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl,c<></td></mdl,g<>	0.61	1.21	ug/Kg		<mdl,c< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl,c<>	0.54	1.06	ug/Kg
Gamma-BHC (Lindane)		<mdl< td=""><td>0.69</td><td>1.37</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.37	ug/Kg		<mdl< td=""><td>0.45</td><td>0.896</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45	0.896	ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Heptachlor		<mdl< td=""><td>0.69</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69		ug/Kg		<mdl< td=""><td>0.45</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45		ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg		<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Heptachlor Epoxide		<mdl< td=""><td>0.69</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.45</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>]</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69		ug/Kg		<mdl< td=""><td>0.45</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>]</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.45		ug/Kg		<mdl< td=""><td>0.61</td><td>1.21</td><td>ug/Kg</td><td>]</td><td><mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<></td></mdl<>	0.61	1.21	ug/Kg]	<mdl< td=""><td>0.54</td><td>1.06</td><td>ug/Kg</td></mdl<>	0.54	1.06	ug/Kg
Methoxychlor		<mdl< td=""><td>3.3</td><td></td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.2</td><td></td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.9</td><td>6.05</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.6</td><td>5.3</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<></td></mdl<>	3.3		ug/Kg		<mdl,e< td=""><td>2.2</td><td></td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.9</td><td>6.05</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.6</td><td>5.3</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>	2.2		ug/Kg		<mdl,e< td=""><td>2.9</td><td>6.05</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.6</td><td>5.3</td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	2.9	6.05	ug/Kg		<mdl,e< td=""><td>2.6</td><td>5.3</td><td>ug/Kg</td></mdl,e<>	2.6	5.3	ug/Kg
Toxaphene		<mdl< td=""><td>6.9</td><td>13.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.7	ug/Kg		<mdl< td=""><td>4.5</td><td>8.96</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	4.5	8.96	ug/Kg		<mdl< td=""><td>6.1</td><td>12.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<></td></mdl<>	6.1	12.1	ug/Kg		<mdl< td=""><td>5.4</td><td>10.6</td><td>ug/Kg</td></mdl<>	5.4	10.6	ug/Kg
M=OR EPA 8260B (7-3-02-002)																				
1,1,2-Trichloroethylene		<mdl< td=""><td>13</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.4</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13		ug/Kg		<mdl< td=""><td>8.4</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	8.4		ug/Kg		<mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	11	22.7	ug/Kg		<mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<>	9.9		ug/Kg
Ethylbenzene		<mdl< td=""><td>13</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.4</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13		ug/Kg		<mdl< td=""><td>8.4</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	8.4		ug/Kg		<mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	11	22.7	ug/Kg		<mdl< td=""><td>9.9</td><td></td><td>ug/Kg</td></mdl<>	9.9		ug/Kg
Tetrachloroethylene		<mdl< td=""><td>13</td><td></td><td></td><td></td><td><mdl< td=""><td>8.4</td><td></td><td>ug/Kg</td><td>4———</td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td>19.8</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13				<mdl< td=""><td>8.4</td><td></td><td>ug/Kg</td><td>4———</td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td>19.8</td><td></td></mdl<></td></mdl<></td></mdl<>	8.4		ug/Kg	4———	<mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td>19.8</td><td></td></mdl<></td></mdl<>	11	22.7	ug/Kg		<mdl< td=""><td>9.9</td><td>19.8</td><td></td></mdl<>	9.9	19.8	
Total Xylenes		<mdl< td=""><td>13</td><td>25.6</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.4</td><td>16.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td>19.8</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13	25.6	ug/Kg		<mdl< td=""><td>8.4</td><td>16.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td>19.8</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	8.4	16.8	ug/Kg		<mdl< td=""><td>11</td><td>22.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.9</td><td>19.8</td><td>ug/Kg</td></mdl<></td></mdl<>	11	22.7	ug/Kg		<mdl< td=""><td>9.9</td><td>19.8</td><td>ug/Kg</td></mdl<>	9.9	19.8	ug/Kg
* Not converted to dry weight basis for this parameter																		/		

PROJECT: 423001

Locator: DWMP-05

Descrip: DENNY WAY MONITORI

Sampled: Apr 10, 2001 Lab ID: L20541-5 Matrix: SALTWTRSED

% Solids: 74.8

Locator: DWMP-06

Descrip: DENNY WAY MONITORI

Sampled: Apr 09, 2001 Lab ID: L20541-6 Matrix: SALTWTRSED

% Solids: 57.4

Locator: DWMP-07

Descrip: DENNY WAY MONITORI

Sampled: Apr 09, 2001 Lab ID: L20541-7 Matrix: SALTWTRSED

% Solids: 49.9

Locator: DWMP-08

Descrip: DENNY WAY MONITORI

Sampled: Apr 10, 2001 Lab ID: L20541-8 Matrix: SALTWTRSED

% Solids: 42.6

	% Solids: 7	4.8				% Solids: 5	7.4				% Solids: 4	9.9				% Solids: 4	2.6			1
Parameters	Value	Qual Mi			Units	Value	Qual	MDL - Dry Weight Bas	RDL	Units	Value	Qual - Dr	MDL y Weight Ba		Units	Value	Qual - D	MDL ry Weight Ba		Jnits
COMBINED LABS					İ															- 1
M=CV ASTM D422					ľ					İ										
Clay *	1.8		0.1		%	9.8		0.1		%	15		0.1		%	17.2		0.1		%
Gravel *	53.6		0.1		%	3.1		0.1		%	0.86		0.1		%	3		0.1		%
p+0.00 *	9.3		0.1		%	1.9		0.1		%	3.3	······································	0.1		%	5.7		0.1		%
p+1.00 *	8.1		0.1	***************************************	%	9.6		0.1		%	4.1		0.1		%	5.1		0.1		%
p+10.0 *	0.29		0.1		%	1.9		0.1		%	3		0.1		%	3.8		0.1		%
p+10.0(more than) *	1		0.1		%	4.8		0.1		%	7.3		0.1		%	8.7		0.1		%
p+2.00 *	12.6		0.1		%	36.2		0.1		%	10.7		0.1		%	10.8		0.1		%
p+3.00 *	8.4		0.1		%	18.4		0.1		%	15.5		0.1		%	12.6		0.1		%
p+4.00 *	2.7		0.1		%	4.2		0.1		%	10.6		0.1		%	8.8		0.1		%
p+5.00 *	1.6		0.1		%	4.4		0.1		%	16.2		0.1		%	11.7		0.1		%
p+6.00 *	0.65		0.1		%	4.9		0.1		%	11.2		0.1		%	11.5		0.1		%
p+7.00 *	0.56		0.1		%	4		0.1		%	7.4		0.1		%	7.3		0.1		%
p+8.00 *	0.64		0.1		%	3.6		0.1		%	5.2		0.1		%	6.2		0.1		%
p+9.00 *	0.52		0.1		%	3_		0.1		%	4.6		0.1		%	4.7		0.1		%
p-1.00 *	17.9		0.1		%	1		0.1		%	0.86		0.1		%	1.1		0.1		%
p-2.00 *	35.7		0.1		%	2.1		0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td><td>1.9</td><td></td><td>0.1</td><td></td><td>%</td></mdl<>	0.1		%	1.9		0.1		%
p-2.00(less than) *		<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<>	0.1		%
Sand *	41.2	_	0.1		%	70.3		0.1		%	44.2		0.1		%	43		0.1	_	%
Silt *	3.4		0.1		%	16.9		0.1		%	40		0.1		%	36.8		0.1		%
M=CV EPA9060-PSEP96 (03-04-002-001)																				
Total Organic Carbon	14200		670	1340 r	ng/Kg	16000		870	1740	mg/Kg	16700		1000	2000	mg/Kg	25600		1200	2350 m	ng/Kg
M=CV SM2540-G (03-01-007-001)	*	·																		
Total Solids *	74.8		.005	0.01	%	57.4		0.005	0.01	%	49.9		0.005	0.01	%	42.6		0.005		%
Total Volatile Solids	2.57	0.0	0668 (0.0134	%	4.65		0.00871	0.0174	%	4.99		0.01	0.02	%	7.98		0.0117	0.0235	%
M=CV SM4500-NH3-G (03-03-004-001)																				
Ammonia Nitrogen	7.78		1.7	3,34 r	ng/Kg	1.86		0.44	0.871	mg/Kg	2.97		0.5	1	mg/Kg	2.7		0.59	1.17 m	ng/Kg
M=CV SM4500S2-D, EPA376.2																				
Total Sulfide	58.8		6.6	6.55 r	ng/Kg	8.01		1.7	1.69	mg/Kg	60.1		4.2	4.21	mg/Kg	30.5		2.3	2.35 m	ng/Kg
M=ES NONE									_							L				
Sampcoordx1 *	1263840				ft	1263543				ft	1263346				ft	1263326	, , ,			ft
Sampcoordx2 *	1263838				ft	1263538			····	ft	1263350				ft	1263335				ft
Sampcoordx3 *											1263351				ft	1263336				ft
Sampcoordy1 *	229037				ft	228845				ft	228656				ft	228911				ft
Sampcoordy2 *	229032				ft	228851				ft	228663				ft	228920			_	ft
Sampcoordy3 *								·····			228658				ft	228914				ft
Sample Depth *	4				m	20				m	29				m	24				m
Sample Start Time *	900				hr	1542				hr	1431		 		hr	1038				hr
Sediment Sampling Depth *	5				cm	17				cm	17				cm	14				cm
Sediment Sampling Range *	0-2 cm				none	0-2 cm	· · · · · · · · ·				0-2 cm				none	0-2 cm				none
Sediment Type	34\$30				none	23N20				none	23N20				none	23N20	_		<u></u>	none

PROJECT: 423001	Descrip: Sampled:	Apr 10, 20	AY MONITO		Descrip: Sampled:	Apr 09, 200	AY MONITO	ORI	Descrip: Sampled:	DWMP-07 DENNY WA Apr 09, 200			Descrip: [Sampled: A	•		TORI
		L20541-5 SALTWTR	CED		H	L20541-6	CED		Lab ID:	L20541-7	oed.		1	.20541-8	CED	·
	Matrix: % Solids:		SED		% Solids:	SALTWTR 57 4	SED		Matrix: % Solids:	SALTWTR:	ŞED		Matrix: \$ % Solids: 4	SALTWTR:	SED	ļ
	70 Oolius.	14.0			70 Solida.	J1.4			70 Gonds.	73.3			70 Oolida.	72.0		
Parameters	Value	Qual - t	MDL Ory Weight Basi	RDL Units	Value	Qual	MDL Ory Weight Bas	RDL Units	Value	Qual - Dე	MDL Weight Ba	RDL Units	Value	Qual - Dr	MDL y Weight Ba	RDL Units
COMBINED LABS	_															
Tidal Condition	E			none	F			none		·-		none	E			none
Tide Height *				ft	4			ft	2			ft	4			ft
M=MT EPA 245.5 (06-01-004-003)	0.004	4DDI	0.007	0.007	0.40	-DDI	0.005	0.04 #4	0.444			0.000			0.047	0.407 (14-
Mercury, Total, CVAA	0.061	<rdl< td=""><td>0.027</td><td>0.267 mg/Kg</td><td>0.16</td><td><rdl< td=""><td>0.035</td><td>0.34 mg/K</td><td>g 0.411</td><td></td><td>0.04</td><td>0.393 mg/Kg</td><td>0.692</td><td>·</td><td>0.047</td><td>0.467 mg/Kg</td></rdl<></td></rdl<>	0.027	0.267 mg/Kg	0.16	<rdl< td=""><td>0.035</td><td>0.34 mg/K</td><td>g 0.411</td><td></td><td>0.04</td><td>0.393 mg/Kg</td><td>0.692</td><td>·</td><td>0.047</td><td>0.467 mg/Kg</td></rdl<>	0.035	0.34 mg/K	g 0.411		0.04	0.393 mg/Kg	0.692	·	0.047	0.467 mg/Kg
M=MT EPA3050A/6010B (06-02-004-002)		-1151 0		40.0	ļ	4401.0		40.0	-			45.5		-1451.0		40 94
Antimony, Total, ICP		<mdl,g< td=""><td>2</td><td>10.2 mg/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>2.6</td><td>13.2 mg/K</td><td><u> </u></td><td><mdl,g< td=""><td>3</td><td>15.3 mg/Kg</td><td></td><td><mdl,g< td=""><td>3.5</td><td>18 mg/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	2	10.2 mg/Kg	<u> </u>	<mdl,g< td=""><td>2.6</td><td>13.2 mg/K</td><td><u> </u></td><td><mdl,g< td=""><td>3</td><td>15.3 mg/Kg</td><td></td><td><mdl,g< td=""><td>3.5</td><td>18 mg/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	2.6	13.2 mg/K	<u> </u>	<mdl,g< td=""><td>3</td><td>15.3 mg/Kg</td><td></td><td><mdl,g< td=""><td>3.5</td><td>18 mg/Kg</td></mdl,g<></td></mdl,g<>	3	15.3 mg/Kg		<mdl,g< td=""><td>3.5</td><td>18 mg/Kg</td></mdl,g<>	3.5	18 mg/Kg
Arsenic, Total, ICP	7.5		3.3	17 mg/Kg	7.5	<rdl< td=""><td>4.4</td><td>22.1 mg/K</td><td></td><td></td><td>5</td><td>25.5 mg/Kg</td><td>9.4</td><td><rdl< td=""><td>6.1</td><td>30 mg/Kg</td></rdl<></td></rdl<>	4.4	22.1 mg/K			5	25.5 mg/Kg	9.4	<rdl< td=""><td>6.1</td><td>30 mg/Kg</td></rdl<>	6.1	30 mg/Kg
Cadmium, Total, ICP		<mdl,l< td=""><td>0.2</td><td>1.02 mg/Kg</td><td>l</td><td><mdl,l< td=""><td>0.26</td><td>1.32 mg/K</td><td></td><td><mdl,l< td=""><td>0.3</td><td>1.53 mg/Kg</td><td>0.68</td><td><rdl,l< td=""><td>0.35</td><td>1.8 mg/Kg</td></rdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	0.2	1.02 mg/Kg	l	<mdl,l< td=""><td>0.26</td><td>1.32 mg/K</td><td></td><td><mdl,l< td=""><td>0.3</td><td>1.53 mg/Kg</td><td>0.68</td><td><rdl,l< td=""><td>0.35</td><td>1.8 mg/Kg</td></rdl,l<></td></mdl,l<></td></mdl,l<>	0.26	1.32 mg/K		<mdl,l< td=""><td>0.3</td><td>1.53 mg/Kg</td><td>0.68</td><td><rdl,l< td=""><td>0.35</td><td>1.8 mg/Kg</td></rdl,l<></td></mdl,l<>	0.3	1.53 mg/Kg	0.68	<rdl,l< td=""><td>0.35</td><td>1.8 mg/Kg</td></rdl,l<>	0.35	1.8 mg/Kg
Chromium, Total, ICP	21.4		0.33	1.7 mg/Kg	27.4		0.44	2.21 mg/K			0.5	2.55 mg/Kg	46.2		0.61	3 mg/Kg
Copper, Total, ICP	27		0.27	1.36 mg/Kg	31		0.35	1.76 mg/K			0.4	2.04 mg/Kg	63.4	**	0.47	2.39 mg/Kg
Lead, Total, ICP	25.5		2	10.2 mg/Kg	27		2.6	13.2 mg/K			3	15.3 mg/Kg	98.1		3.5	18 mg/Kg
Nickel, Total, ICP	24.6		1.3	6.8 mg/Kg	25.3		1.7	8.83 mg/K			2	10.2 mg/Kg	40.8		2.3	12 mg/Kg
Silver, Total, ICP	1.1	<rdl< td=""><td>0.27</td><td>1.32 mg/Kg</td><td></td><td><rdl< td=""><td>0.35</td><td>1.73 mg/K</td><td></td><td></td><td>0.38</td><td>1.94 mg/Kg</td><td></td><td></td><td>0.47</td><td>2.35 mg/Kg</td></rdl<></td></rdl<>	0.27	1.32 mg/Kg		<rdl< td=""><td>0.35</td><td>1.73 mg/K</td><td></td><td></td><td>0.38</td><td>1.94 mg/Kg</td><td></td><td></td><td>0.47</td><td>2.35 mg/Kg</td></rdl<>	0.35	1.73 mg/K			0.38	1.94 mg/Kg			0.47	2.35 mg/Kg
Zinc, Total, ICP	77.7		0.33	1.7 mg/Kg	70.7		0.44	2.21 mg/K	g 77.8	<u> </u>	0.5	2.55 mg/Kg	112		0.61	3 mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)				0.700 #/	ļ						2.50	4.00	ļ	1401.0		
1,2,4-Trichlorobenzene		<mdl,g< td=""><td>0.35</td><td>0.709 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.45</td><td>0.923 ug/K</td><td></td><td><mdl,g< td=""><td>0.52</td><td>1.06 ug/Kg</td><td>i</td><td><mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.35	0.709 ug/Kg		<mdl,g< td=""><td>0.45</td><td>0.923 ug/K</td><td></td><td><mdl,g< td=""><td>0.52</td><td>1.06 ug/Kg</td><td>i</td><td><mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.45	0.923 ug/K		<mdl,g< td=""><td>0.52</td><td>1.06 ug/Kg</td><td>i</td><td><mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<></td></mdl,g<>	0.52	1.06 ug/Kg	i 	<mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<>	0.61	1.24 ug/Kg
1,2-Dichlorobenzene		<mdl,g< td=""><td>0.35</td><td>0.709 ug/Kg</td><td>ł</td><td><mdl,g< td=""><td>0.45</td><td>0.923 ug/K</td><td></td><td><mdl,g< td=""><td>0.52</td><td>1.06 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.35	0.709 ug/Kg	ł	<mdl,g< td=""><td>0.45</td><td>0.923 ug/K</td><td></td><td><mdl,g< td=""><td>0.52</td><td>1.06 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.45	0.923 ug/K		<mdl,g< td=""><td>0.52</td><td>1.06 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<></td></mdl,g<>	0.52	1.06 ug/Kg		<mdl,g< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,g<>	0.61	1.24 ug/Kg
1,2-Diphenylhydrazine		<mdl< td=""><td>13</td><td>26.7 ug/Kg</td><td><u> </u></td><td><mdl< td=""><td>17</td><td>34.8 ug/K</td><td></td><td><mdl< td=""><td>20</td><td>40.1 ug/Kg</td><td> </td><td><mdl< td=""><td>23</td><td>46.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13	26.7 ug/Kg	<u> </u>	<mdl< td=""><td>17</td><td>34.8 ug/K</td><td></td><td><mdl< td=""><td>20</td><td>40.1 ug/Kg</td><td> </td><td><mdl< td=""><td>23</td><td>46.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	17	34.8 ug/K		<mdl< td=""><td>20</td><td>40.1 ug/Kg</td><td> </td><td><mdl< td=""><td>23</td><td>46.9 ug/Kg</td></mdl<></td></mdl<>	20	40.1 ug/Kg	 	<mdl< td=""><td>23</td><td>46.9 ug/Kg</td></mdl<>	23	46.9 ug/Kg
1,3-Dichlorobenzene		<mdl,x< td=""><td>0.35</td><td>0.709 ug/Kg</td><td></td><td><mdl,x< td=""><td>0.45</td><td>0.923 ug/K</td><td></td><td><mdl,x< td=""><td>0.52</td><td>1.06 ug/Kg</td><td>1.05</td><td><mdl,x< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	0.35	0.709 ug/Kg		<mdl,x< td=""><td>0.45</td><td>0.923 ug/K</td><td></td><td><mdl,x< td=""><td>0.52</td><td>1.06 ug/Kg</td><td>1.05</td><td><mdl,x< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	0.45	0.923 ug/K		<mdl,x< td=""><td>0.52</td><td>1.06 ug/Kg</td><td>1.05</td><td><mdl,x< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,x<></td></mdl,x<>	0.52	1.06 ug/Kg	1.05	<mdl,x< td=""><td>0.61</td><td>1.24 ug/Kg</td></mdl,x<>	0.61	1.24 ug/Kg
1,4-Dichlorobenzene		<mdl,g< td=""><td>0.17</td><td>0.353 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.23</td><td>0.46 ug/K</td><td><u></u></td><td><mdl,g< td=""><td></td><td>0.529 ug/Kg</td><td></td><td>G</td><td>0.31</td><td>0.62 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.17	0.353 ug/Kg		<mdl,g< td=""><td>0.23</td><td>0.46 ug/K</td><td><u></u></td><td><mdl,g< td=""><td></td><td>0.529 ug/Kg</td><td></td><td>G</td><td>0.31</td><td>0.62 ug/Kg</td></mdl,g<></td></mdl,g<>	0.23	0.46 ug/K	<u></u>	<mdl,g< td=""><td></td><td>0.529 ug/Kg</td><td></td><td>G</td><td>0.31</td><td>0.62 ug/Kg</td></mdl,g<>		0.529 ug/Kg		G	0.31	0.62 ug/Kg
2,4,5-Trichlorophenol	·	<mdl< td=""><td>16</td><td>32.1 ug/Kg</td><td></td><td><mdl< td=""><td>21</td><td>41.8 ug/K</td><td><u> </u></td><td><mdl,g< td=""><td>24</td><td>48.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>28</td><td>56.3 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<></td></mdl<>	16	32.1 ug/Kg		<mdl< td=""><td>21</td><td>41.8 ug/K</td><td><u> </u></td><td><mdl,g< td=""><td>24</td><td>48.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>28</td><td>56.3 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<>	21	41.8 ug/K	<u> </u>	<mdl,g< td=""><td>24</td><td>48.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>28</td><td>56.3 ug/Kg</td></mdl,g<></td></mdl,g<>	24	48.1 ug/Kg	 	<mdl,g< td=""><td>28</td><td>56.3 ug/Kg</td></mdl,g<>	28	56.3 ug/Kg
2,4,6-Trichlorophenol		<mdl< td=""><td>17</td><td>34.8 ug/Kg</td><td></td><td><mdl< td=""><td>23</td><td>45.3 ug/K</td><td></td><td><mdl,g< td=""><td>26</td><td>52.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>31</td><td>61 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<></td></mdl<>	17	34.8 ug/Kg		<mdl< td=""><td>23</td><td>45.3 ug/K</td><td></td><td><mdl,g< td=""><td>26</td><td>52.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>31</td><td>61 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<>	23	45.3 ug/K		<mdl,g< td=""><td>26</td><td>52.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>31</td><td>61 ug/Kg</td></mdl,g<></td></mdl,g<>	26	52.1 ug/Kg	 	<mdl,g< td=""><td>31</td><td>61 ug/Kg</td></mdl,g<>	31	61 ug/Kg
2,4-Dichlorophenol		<mdl< td=""><td>21</td><td>42.8 ug/Kg</td><td></td><td><mdl< td=""><td>28</td><td>55.7 ug/K</td><td>→——</td><td><mdl,g< td=""><td>32</td><td>64.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>38</td><td>75.1 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<></td></mdl<>	21	42.8 ug/Kg		<mdl< td=""><td>28</td><td>55.7 ug/K</td><td>→——</td><td><mdl,g< td=""><td>32</td><td>64.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>38</td><td>75.1 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<>	28	55.7 ug/K	→——	<mdl,g< td=""><td>32</td><td>64.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>38</td><td>75.1 ug/Kg</td></mdl,g<></td></mdl,g<>	32	64.1 ug/Kg	 	<mdl,g< td=""><td>38</td><td>75.1 ug/Kg</td></mdl,g<>	38	75.1 ug/Kg
2,4-Dimethylphenol		<mdl< td=""><td>9.4</td><td>18.7 ug/Kg</td><td></td><td><mdl< td=""><td>12</td><td>24.4 ug/K</td><td></td><td><mdl,g< td=""><td>14</td><td>28.1 ug/Kg</td><td></td><td><mdl,g< td=""><td>16</td><td>32.9 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<></td></mdl<>	9.4	18.7 ug/Kg		<mdl< td=""><td>12</td><td>24.4 ug/K</td><td></td><td><mdl,g< td=""><td>14</td><td>28.1 ug/Kg</td><td></td><td><mdl,g< td=""><td>16</td><td>32.9 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<>	12	24.4 ug/K		<mdl,g< td=""><td>14</td><td>28.1 ug/Kg</td><td></td><td><mdl,g< td=""><td>16</td><td>32.9 ug/Kg</td></mdl,g<></td></mdl,g<>	14	28.1 ug/Kg		<mdl,g< td=""><td>16</td><td>32.9 ug/Kg</td></mdl,g<>	16	32.9 ug/Kg
2,4-Dinitrotoluene		<mdl,l< td=""><td>4</td><td>8.02 ug/Kg</td><td></td><td><mdl,l< td=""><td>5.2</td><td>10.5 ug/K</td><td></td><td><mdl,l< td=""><td>6</td><td>12 ug/Kg</td><td></td><td><mdl,l< td=""><td>7</td><td>14.1 ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	4	8.02 ug/Kg		<mdl,l< td=""><td>5.2</td><td>10.5 ug/K</td><td></td><td><mdl,l< td=""><td>6</td><td>12 ug/Kg</td><td></td><td><mdl,l< td=""><td>7</td><td>14.1 ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	5.2	10.5 ug/K		<mdl,l< td=""><td>6</td><td>12 ug/Kg</td><td></td><td><mdl,l< td=""><td>7</td><td>14.1 ug/Kg</td></mdl,l<></td></mdl,l<>	6	12 ug/Kg		<mdl,l< td=""><td>7</td><td>14.1 ug/Kg</td></mdl,l<>	7	14.1 ug/Kg
2,6-Dinitrotoluene		<mdl,l< td=""><td>13</td><td>26.7 ug/Kg</td><td></td><td><mdl,l< td=""><td>17</td><td>34.8 ug/K</td><td></td><td><mdl,l< td=""><td>20</td><td>40.1 ug/Kg</td><td> </td><td><mdl,l< td=""><td>23</td><td>46.9 ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	13	26.7 ug/Kg		<mdl,l< td=""><td>17</td><td>34.8 ug/K</td><td></td><td><mdl,l< td=""><td>20</td><td>40.1 ug/Kg</td><td> </td><td><mdl,l< td=""><td>23</td><td>46.9 ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	17	34.8 ug/K		<mdl,l< td=""><td>20</td><td>40.1 ug/Kg</td><td> </td><td><mdl,l< td=""><td>23</td><td>46.9 ug/Kg</td></mdl,l<></td></mdl,l<>	20	40.1 ug/Kg	 	<mdl,l< td=""><td>23</td><td>46.9 ug/Kg</td></mdl,l<>	23	46.9 ug/Kg
2-Chloronaphthalene 2-Chlorophenol		<mdl.g< td=""><td>21</td><td>42.8 ug/Kg 21.4 ug/Kg</td><td></td><td><mdl <mdl.g< td=""><td>28 14</td><td>55.7 ug/K 27.9 ug/K</td><td></td><td><mdl <mdl.g< td=""><td>32 16</td><td>64.1 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>38</td><td>75.1 ug/Kg</td></mdl<></td></mdl.g<></mdl </td></mdl.g<></mdl </td></mdl.g<>	21	42.8 ug/Kg 21.4 ug/Kg		<mdl <mdl.g< td=""><td>28 14</td><td>55.7 ug/K 27.9 ug/K</td><td></td><td><mdl <mdl.g< td=""><td>32 16</td><td>64.1 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>38</td><td>75.1 ug/Kg</td></mdl<></td></mdl.g<></mdl </td></mdl.g<></mdl 	28 14	55.7 ug/K 27.9 ug/K		<mdl <mdl.g< td=""><td>32 16</td><td>64.1 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>38</td><td>75.1 ug/Kg</td></mdl<></td></mdl.g<></mdl 	32 16	64.1 ug/Kg	ļ	<mdl< td=""><td>38</td><td>75.1 ug/Kg</td></mdl<>	38	75.1 ug/Kg
2-Methylnaphthalene	, 27		19	37.4 ug/Kg		<mdl< td=""><td>24</td><td>27.9 ug/K 48.8 ug/K</td><td></td><td><mdl,g< td=""><td>28</td><td>32.1 ug/Kg 56.1 ug/Kg</td><td></td><td><mdl,g< td=""><td>19 33</td><td>37.6 ug/Kg 65.7 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<>	24	27.9 ug/K 48.8 ug/K		<mdl,g< td=""><td>28</td><td>32.1 ug/Kg 56.1 ug/Kg</td><td></td><td><mdl,g< td=""><td>19 33</td><td>37.6 ug/Kg 65.7 ug/Kg</td></mdl,g<></td></mdl,g<>	28	32.1 ug/Kg 56.1 ug/Kg		<mdl,g< td=""><td>19 33</td><td>37.6 ug/Kg 65.7 ug/Kg</td></mdl,g<>	19 33	37.6 ug/Kg 65.7 ug/Kg
2-Methylphenol	121	<mdl< td=""><td>25</td><td>50.8 ug/Kg</td><td></td><td><mdl< td=""><td>33</td><td>66.2 ug/K</td><td><u> </u></td><td><mdl,g< td=""><td>38</td><td>56.1 ug/Kg 76.2 ug/Kg</td><td></td><td><mdl.g< td=""><td>45</td><td></td></mdl.g<></td></mdl,g<></td></mdl<></td></mdl<>	25	50.8 ug/Kg		<mdl< td=""><td>33</td><td>66.2 ug/K</td><td><u> </u></td><td><mdl,g< td=""><td>38</td><td>56.1 ug/Kg 76.2 ug/Kg</td><td></td><td><mdl.g< td=""><td>45</td><td></td></mdl.g<></td></mdl,g<></td></mdl<>	33	66.2 ug/K	<u> </u>	<mdl,g< td=""><td>38</td><td>56.1 ug/Kg 76.2 ug/Kg</td><td></td><td><mdl.g< td=""><td>45</td><td></td></mdl.g<></td></mdl,g<>	38	56.1 ug/Kg 76.2 ug/Kg		<mdl.g< td=""><td>45</td><td></td></mdl.g<>	45	
2-Nitrophenol		<mdl< td=""><td>20</td><td>40.1 ug/Kg</td><td></td><td><mdl< td=""><td>26</td><td>52.3 ug/K</td><td></td><td><mdl,g< td=""><td>30</td><td>60.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>35</td><td></td></mdl,g<></td></mdl,g<></td></mdl<></td></mdl<>	20	40.1 ug/Kg		<mdl< td=""><td>26</td><td>52.3 ug/K</td><td></td><td><mdl,g< td=""><td>30</td><td>60.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>35</td><td></td></mdl,g<></td></mdl,g<></td></mdl<>	26	52.3 ug/K		<mdl,g< td=""><td>30</td><td>60.1 ug/Kg</td><td> </td><td><mdl,g< td=""><td>35</td><td></td></mdl,g<></td></mdl,g<>	30	60.1 ug/Kg	 	<mdl,g< td=""><td>35</td><td></td></mdl,g<>	35	
4-Bromophenyl Phenyl Ether		<mdl< td=""><td>12</td><td>24.1 ug/Kg</td><td></td><td><mdl< td=""><td>16</td><td>31.4 ug/K</td><td></td><td><mdl,g< td=""><td>18</td><td></td><td>ł</td><td><mdl< td=""><td>21</td><td></td></mdl<></td></mdl,g<></td></mdl<></td></mdl<>	12	24.1 ug/Kg		<mdl< td=""><td>16</td><td>31.4 ug/K</td><td></td><td><mdl,g< td=""><td>18</td><td></td><td>ł</td><td><mdl< td=""><td>21</td><td></td></mdl<></td></mdl,g<></td></mdl<>	16	31.4 ug/K		<mdl,g< td=""><td>18</td><td></td><td>ł</td><td><mdl< td=""><td>21</td><td></td></mdl<></td></mdl,g<>	18		ł	<mdl< td=""><td>21</td><td></td></mdl<>	21	
4-Chlorophenyl Phenyl Ether		<mdl< td=""><td>17</td><td>34.8 ug/Kg</td><td></td><td><mdl< td=""><td>23</td><td>45.3 ug/K</td><td></td><td><mdl< td=""><td>26</td><td>36.1 ug/Kg 52.1 ug/Kg</td><td> </td><td><mdl< td=""><td>31</td><td>42.3 ug/Kg 61 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	17	34.8 ug/Kg		<mdl< td=""><td>23</td><td>45.3 ug/K</td><td></td><td><mdl< td=""><td>26</td><td>36.1 ug/Kg 52.1 ug/Kg</td><td> </td><td><mdl< td=""><td>31</td><td>42.3 ug/Kg 61 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	23	45.3 ug/K		<mdl< td=""><td>26</td><td>36.1 ug/Kg 52.1 ug/Kg</td><td> </td><td><mdl< td=""><td>31</td><td>42.3 ug/Kg 61 ug/Kg</td></mdl<></td></mdl<>	26	36.1 ug/Kg 52.1 ug/Kg	 	<mdl< td=""><td>31</td><td>42.3 ug/Kg 61 ug/Kg</td></mdl<>	31	42.3 ug/Kg 61 ug/Kg
4-Methylphenol		<mdl< td=""><td>21</td><td>42.8 ug/Kg</td><td></td><td><mdl< td=""><td>28</td><td>55.7 ug/K</td><td></td><td><mdl,g< td=""><td>32</td><td><u>_</u></td><td>├──</td><td><mdl.g< td=""><td>38</td><td></td></mdl.g<></td></mdl,g<></td></mdl<></td></mdl<>	21	42.8 ug/Kg		<mdl< td=""><td>28</td><td>55.7 ug/K</td><td></td><td><mdl,g< td=""><td>32</td><td><u>_</u></td><td>├──</td><td><mdl.g< td=""><td>38</td><td></td></mdl.g<></td></mdl,g<></td></mdl<>	28	55.7 ug/K		<mdl,g< td=""><td>32</td><td><u>_</u></td><td>├──</td><td><mdl.g< td=""><td>38</td><td></td></mdl.g<></td></mdl,g<>	32	<u>_</u>	├ ──	<mdl.g< td=""><td>38</td><td></td></mdl.g<>	38	
Acenaphthene	24.3		9.4	18.7 ug/Kg		<mdl< td=""><td>12</td><td>24.4 ug/K</td><td></td><td></td><td>14</td><td>64.1 ug/Kg 28.1 ug/Kg</td><td>}───</td><td><mdl,g< td=""><td>16</td><td>75.1 ug/Kg 32.9 ug/Kg</td></mdl,g<></td></mdl<>	12	24.4 ug/K			14	64.1 ug/Kg 28.1 ug/Kg	} ───	<mdl,g< td=""><td>16</td><td>75.1 ug/Kg 32.9 ug/Kg</td></mdl,g<>	16	75.1 ug/Kg 32.9 ug/Kg
Acenaphthylene	42.9		20	40.1 ug/Kg		<mdl< td=""><td>26</td><td>52.3 ug/K</td><td>~ }</td><td></td><td>30</td><td>60.1 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>35</td><td></td></mdl<></td></mdl<>	26	52.3 ug/K	~ }		30	60.1 ug/Kg	ļ	<mdl< td=""><td>35</td><td></td></mdl<>	35	
Aniline	42.5	<mdl,x< td=""><td></td><td>50.8 ug/Kg</td><td></td><td><mdl,x< td=""><td>33</td><td></td><td>~————</td><td><mdl,x< td=""><td>38</td><td></td><td>1</td><td><mdl.x< td=""><td>45</td><td></td></mdl.x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>		50.8 ug/Kg		<mdl,x< td=""><td>33</td><td></td><td>~————</td><td><mdl,x< td=""><td>38</td><td></td><td>1</td><td><mdl.x< td=""><td>45</td><td></td></mdl.x<></td></mdl,x<></td></mdl,x<>	33		~————	<mdl,x< td=""><td>38</td><td></td><td>1</td><td><mdl.x< td=""><td>45</td><td></td></mdl.x<></td></mdl,x<>	38		1	<mdl.x< td=""><td>45</td><td></td></mdl.x<>	45	
Anthracene	1030		5.3	10.7 ug/Kg		G CMDL,X		66.2 ug/K 13.9 ug/K			8	76.2 ug/Kg 16 ug/Kg	84.7	G CMDL,X	9.4	89.2 ug/Kg 18.8 ug/Kg
Benzo(a)anthracene	973		2.7	5.35 ug/Kg		X	3.5	6.97 ug/K	3		4	16 ug/Kg 8.02 ug/Kg		X	4.7	
	904		2.1	8.02 ug/Kg	13		5.2							- X	7	
Benzo(a)pyrene Benzo(b)fluoranthene	1430		4		1	^	5.2 5.2				6	12 ug/Kg 12 ug/Kg			7	
Denzo(D)IIuoraninerie	1430	^,L	- 4	8.02 ug/Kg	II ∠65	^,L	5.2	10.5 ug/K	all 5a	٠ ٨,١	9	ı∠ ug/Kg	1/6			14.1 ug/Kg

PROJECT: 423001	Descrip: DEl Sampled: Apr Lab ID: L20)541-5 LTWTRSE		DRI	Descrip: Sampled: Lab ID:	DWMP-06 DENNY W, Apr 09, 200 L20541-6 SALTWTR 57.4)1	ORI		Sampled: Lab ID:	DENNY WA Apr 09, 200 L20541-7 SALTWTRS	1	IITORI		Sampled: /	DENNY WA Apr 10, 200 L20541-8 SALTWTRS)1	ORI
Parameters	Value		MDL Weight Basis	RDL Units	Value	Qual - c	MDL Ory Weight Bas		Units	Value	Qual - Dry	MDL Weight Ba		Units	Value	Qual - Dr	MDL y Weight Bas	RDL Units
COMBINED LABS					ļ													
Benzo(g,h,i)perylene		X,G	11	21.4 ug/Kg		<mdl,x,g< td=""><td>14</td><td></td><td>ug/Kg</td><td></td><td><mdl,x,g< td=""><td>16</td><td></td><td>ug/Kg</td><td></td><td><mdl,x,g< td=""><td></td><td>37.6 ug/Kg</td></mdl,x,g<></td></mdl,x,g<></td></mdl,x,g<>	14		ug/Kg		<mdl,x,g< td=""><td>16</td><td></td><td>ug/Kg</td><td></td><td><mdl,x,g< td=""><td></td><td>37.6 ug/Kg</td></mdl,x,g<></td></mdl,x,g<>	16		ug/Kg		<mdl,x,g< td=""><td></td><td>37.6 ug/Kg</td></mdl,x,g<>		37.6 ug/Kg
Benzo(k)fluoranthene		G,L	4	8.02 ug/Kg	109	G,L	5.2		ug/Kg	143	G,L	6		ug/Kg	102	G,L	7	14.1 ug/Kg
Benzoic Acid	338	<u> </u>	8	16 ug/Kg	174	.1151.17	10		ug/Kg	206	G	12		ug/Kg	303	G	14	28.2 ug/Kg
Benzyl Alcohol		MDL,X	8	16 ug/Kg	40.7	<mdl,x< td=""><td>10</td><td></td><td>ug/Kg</td><td>24.0</td><td><mdl,x< td=""><td>12</td><td></td><td>ug/Kg</td><td>100-</td><td><mdl,x< td=""><td>14</td><td>28.2 ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	10		ug/Kg	24.0	<mdl,x< td=""><td>12</td><td></td><td>ug/Kg</td><td>100-</td><td><mdl,x< td=""><td>14</td><td>28.2 ug/Kg</td></mdl,x<></td></mdl,x<>	12		ug/Kg	100-	<mdl,x< td=""><td>14</td><td>28.2 ug/Kg</td></mdl,x<>	14	28.2 ug/Kg
Benzyl Butyl Phthalate		MDL,L <mdl< td=""><td>8</td><td>16 ug/Kg</td><td>42.7</td><td>L</td><td>10 30</td><td></td><td>ug/Kg</td><td>61.3</td><td>L</td><td>12</td><td>24</td><td></td><td>169</td><td>L</td><td>14</td><td>28.2 ug/Kg</td></mdl<>	8	16 ug/Kg	42.7	L	10 30		ug/Kg	61.3	L	12	24		169	L	14	28.2 ug/Kg
Bis(2-Chloroethoxy)Methane		MDL.G	23	45.5 ug/Kg		<mdl< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>34</td><td>68.1</td><td><u> </u></td><td>]</td><td><mdl< td=""><td>40</td><td>79.8 ug/Kg</td></mdl<></td></mdl<></td></mdl<>			ug/Kg		<mdl< td=""><td>34</td><td>68.1</td><td><u> </u></td><td>]</td><td><mdl< td=""><td>40</td><td>79.8 ug/Kg</td></mdl<></td></mdl<>	34	68.1	<u> </u>]	<mdl< td=""><td>40</td><td>79.8 ug/Kg</td></mdl<>	40	79.8 ug/Kg
Bis(2-Chloroethyl)Ether		MDL,G <mdl< td=""><td>20</td><td>40.1 ug/Kg</td><td>ļ</td><td><mdl,g< td=""><td>26</td><td></td><td>ug/Kg</td><td>ļ</td><td><mdl,g< td=""><td>30</td><td>60.1</td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>35</td><td>70.4 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl<>	20	40.1 ug/Kg	ļ	<mdl,g< td=""><td>26</td><td></td><td>ug/Kg</td><td>ļ</td><td><mdl,g< td=""><td>30</td><td>60.1</td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>35</td><td>70.4 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	26		ug/Kg	ļ	<mdl,g< td=""><td>30</td><td>60.1</td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>35</td><td>70.4 ug/Kg</td></mdl,g<></td></mdl,g<>	30	60.1	ug/Kg	<u> </u>	<mdl,g< td=""><td>35</td><td>70.4 ug/Kg</td></mdl,g<>	35	70.4 ug/Kg
Bis(2-Chloroisopropyl)Ether			20	40.1 ug/Kg	200	<mdl< td=""><td>26</td><td></td><td>ug/Kg</td><td>207</td><td><mdl< td=""><td>30</td><td>60.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td>70.4 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	26		ug/Kg	207	<mdl< td=""><td>30</td><td>60.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td>70.4 ug/Kg</td></mdl<></td></mdl<>	30	60.1	ug/Kg		<mdl< td=""><td>35</td><td>70.4 ug/Kg</td></mdl<>	35	70.4 ug/Kg
Bis(2-Ethylhexyl)Phthalate Caffeine	2490	G <mdl< td=""><td>9 8</td><td>18.7 ug/Kg</td><td>282</td><td>G <mdl< td=""><td>12 10</td><td></td><td>ug/Kg</td><td>387</td><td>G <mdl< td=""><td>13</td><td>28.1</td><td>ug/Kg</td><td>901</td><td>G <mdl< td=""><td>16 14</td><td>32.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	9 8	18.7 ug/Kg	282	G <mdl< td=""><td>12 10</td><td></td><td>ug/Kg</td><td>387</td><td>G <mdl< td=""><td>13</td><td>28.1</td><td>ug/Kg</td><td>901</td><td>G <mdl< td=""><td>16 14</td><td>32.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	12 10		ug/Kg	387	G <mdl< td=""><td>13</td><td>28.1</td><td>ug/Kg</td><td>901</td><td>G <mdl< td=""><td>16 14</td><td>32.9 ug/Kg</td></mdl<></td></mdl<>	13	28.1	ug/Kg	901	G <mdl< td=""><td>16 14</td><td>32.9 ug/Kg</td></mdl<>	16 14	32.9 ug/Kg
Carbazole	246	MDL	9.4	16 ug/Kg 18.7 ug/Kg	16	<rdl< td=""><td>12</td><td></td><td>ug/Kg</td><td>26</td><td><rdl< td=""><td>12 14</td><td>24 28.1</td><td></td><td>19</td><td><rdl< td=""><td>14</td><td>28.2 ug/Kg 32.9 ug/Kg</td></rdl<></td></rdl<></td></rdl<>	12		ug/Kg	26	<rdl< td=""><td>12 14</td><td>24 28.1</td><td></td><td>19</td><td><rdl< td=""><td>14</td><td>28.2 ug/Kg 32.9 ug/Kg</td></rdl<></td></rdl<>	12 14	24 28.1		19	<rdl< td=""><td>14</td><td>28.2 ug/Kg 32.9 ug/Kg</td></rdl<>	14	28.2 ug/Kg 32.9 ug/Kg
Chrysene		X,L	5.3	18.7 ug/Kg 10.7 ug/Kg	173	X,L	7		ug/Kg ug/Kg	216	X,L	8	16	ug/Kg ug/Kg	117	X,L	9.4	
Coprostanol		MDL.X	19	37.4 ug/Kg	1/3	<mdl.x< td=""><td>24</td><td></td><td>ug/Kg</td><td>210</td><td><mdl.x< td=""><td>28</td><td>56.1</td><td>ug/Kg</td><td>l</td><td><mdl.x< td=""><td>33</td><td>18.8 ug/Kg 65.7 ug/Kg</td></mdl.x<></td></mdl.x<></td></mdl.x<>	24		ug/Kg	210	<mdl.x< td=""><td>28</td><td>56.1</td><td>ug/Kg</td><td>l</td><td><mdl.x< td=""><td>33</td><td>18.8 ug/Kg 65.7 ug/Kg</td></mdl.x<></td></mdl.x<>	28	56.1	ug/Kg	l 	<mdl.x< td=""><td>33</td><td>18.8 ug/Kg 65.7 ug/Kg</td></mdl.x<>	33	18.8 ug/Kg 65.7 ug/Kg
Dibenzo(a,h)anthracene		G.L	9.4	18.7 ug/Kg	14	<rdl,g,l< td=""><td>12</td><td></td><td>ug/Kg</td><td>20</td><td></td><td>14</td><td>28.1</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>16</td><td>32.9 ug/Kg</td></mdl,x<></td></rdl,g,l<>	12		ug/Kg	20		14	28.1	ug/Kg		<mdl,x< td=""><td>16</td><td>32.9 ug/Kg</td></mdl,x<>	16	32.9 ug/Kg
Dibenzofuran		RDL	19	37.4 ug/Kg		<mdl< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>28</td><td>56.1</td><td></td><td>ł</td><td><mdl< td=""><td>33</td><td>65.7 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	24		ug/Kg		<mdl< td=""><td>28</td><td>56.1</td><td></td><td>ł</td><td><mdl< td=""><td>33</td><td>65.7 ug/Kg</td></mdl<></td></mdl<>	28	56.1		ł	<mdl< td=""><td>33</td><td>65.7 ug/Kg</td></mdl<>	33	65.7 ug/Kg
Diethyl Phthalate		<mdl< td=""><td>8</td><td>16 ug/Kg</td><td>∯</td><td><mdl< td=""><td>10</td><td></td><td>ug/Kg</td><td>-</td><td><mdl< td=""><td>12</td><td>24</td><td></td><td></td><td><mdl< td=""><td>14</td><td>28.2 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	8	16 ug/Kg	∯	<mdl< td=""><td>10</td><td></td><td>ug/Kg</td><td>-</td><td><mdl< td=""><td>12</td><td>24</td><td></td><td></td><td><mdl< td=""><td>14</td><td>28.2 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	10		ug/Kg	-	<mdl< td=""><td>12</td><td>24</td><td></td><td></td><td><mdl< td=""><td>14</td><td>28.2 ug/Kg</td></mdl<></td></mdl<>	12	24			<mdl< td=""><td>14</td><td>28.2 ug/Kg</td></mdl<>	14	28.2 ug/Kg
Dimethyl Phthalate		MDL.L	15	29.4 ug/Kg	ļ	<mdl,l< td=""><td>19</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,l< td=""><td>22</td><td>44.1</td><td></td><td></td><td><mdl,l< td=""><td>26</td><td>51.6 ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	19		ug/Kg	<u> </u>	<mdl,l< td=""><td>22</td><td>44.1</td><td></td><td></td><td><mdl,l< td=""><td>26</td><td>51.6 ug/Kg</td></mdl,l<></td></mdl,l<>	22	44.1			<mdl,l< td=""><td>26</td><td>51.6 ug/Kg</td></mdl,l<>	26	51.6 ug/Kg
Di-N-Butyl Phthalate	62.3	B,L	6.7	13.4 ug/Kg	88.2	8.L	8.7		ug/Kg	65.9	B,L	10	20		61.3	B.L.	12	23.5 ug/Kg
Di-N-Octyl Phthalate	<	MDL,L	11	21.4 ug/Kg	 	<mdl,l< td=""><td>14</td><td></td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>16</td><td>32.1</td><td>ug/Kg</td><td></td><td><mdl l<="" td=""><td>19</td><td>37.6 ug/Kg</td></mdl></td></mdl,l<></td></mdl,l<>	14		ug/Kg		<mdl,l< td=""><td>16</td><td>32.1</td><td>ug/Kg</td><td></td><td><mdl l<="" td=""><td>19</td><td>37.6 ug/Kg</td></mdl></td></mdl,l<>	16	32.1	ug/Kg		<mdl l<="" td=""><td>19</td><td>37.6 ug/Kg</td></mdl>	19	37.6 ug/Kg
Fluoranthene	2190	X	11	21.4 ug/Kg	275	X	14	27.9	ug/Kg	401	Х	16	32.1	ug/Kg	251	X	19	37.6 ug/Kg
Fluorene	136		17	34.8 ug/Kg		<mdl< td=""><td>23</td><td></td><td>ug/Kg</td><td>36</td><td><rdl< td=""><td>26</td><td>52.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>31</td><td>61 ug/Kg</td></mdl<></td></rdl<></td></mdl<>	23		ug/Kg	36	<rdl< td=""><td>26</td><td>52.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>31</td><td>61 ug/Kg</td></mdl<></td></rdl<>	26	52.1	ug/Kg		<mdl< td=""><td>31</td><td>61 ug/Kg</td></mdl<>	31	61 ug/Kg
Hexachlorobenzene	</td <td>MDL,G</td> <td>0.88</td> <td>1.78 ug/Kg</td> <td></td> <td><mdl,g< td=""><td>1.1</td><td>2.32</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.3</td><td>2.67</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.5</td><td>3.12 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td>	MDL,G	0.88	1.78 ug/Kg		<mdl,g< td=""><td>1.1</td><td>2.32</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.3</td><td>2.67</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.5</td><td>3.12 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.1	2.32	ug/Kg		<mdl,g< td=""><td>1.3</td><td>2.67</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.5</td><td>3.12 ug/Kg</td></mdl,g<></td></mdl,g<>	1.3	2.67	ug/Kg		<mdl,g< td=""><td>1.5</td><td>3.12 ug/Kg</td></mdl,g<>	1.5	3.12 ug/Kg
Hexachlorobutadiene	<1	MDL,G	1	2.01 ug/Kg		<mdl,g< td=""><td>1.3</td><td>2.61</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.5</td><td>3.01</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.8</td><td>3.52 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.3	2.61	ug/Kg		<mdl,g< td=""><td>1.5</td><td>3.01</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.8</td><td>3.52 ug/Kg</td></mdl,g<></td></mdl,g<>	1.5	3.01	ug/Kg		<mdl,g< td=""><td>1.8</td><td>3.52 ug/Kg</td></mdl,g<>	1.8	3.52 ug/Kg
Hexachloroethane	<	MDL,X	20	40.1 ug/Kg		<mdl,x< td=""><td>26</td><td>52.3</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>30</td><td>60.1</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>35</td><td>70.4 ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	26	52.3	ug/Kg		<mdl,x< td=""><td>30</td><td>60.1</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>35</td><td>70.4 ug/Kg</td></mdl,x<></td></mdl,x<>	30	60.1	ug/Kg		<mdl,x< td=""><td>35</td><td>70.4 ug/Kg</td></mdl,x<>	35	70.4 ug/Kg
Indeno(1,2,3-Cd)Pyrene	187	Х	12	24.1 ug/Kg	21	<rdl,x< td=""><td>16</td><td>31.4</td><td>ug/Kg</td><td>20</td><td><rdl,x< td=""><td>18</td><td>36.1</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>21</td><td>42.3 ug/Kg</td></mdl,x<></td></rdl,x<></td></rdl,x<>	16	31.4	ug/Kg	20	<rdl,x< td=""><td>18</td><td>36.1</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>21</td><td>42.3 ug/Kg</td></mdl,x<></td></rdl,x<>	18	36.1	ug/Kg		<mdl,x< td=""><td>21</td><td>42.3 ug/Kg</td></mdl,x<>	21	42.3 ug/Kg
Isophorone	•	<mdl< td=""><td>25</td><td>50.8 ug/Kg</td><td></td><td><mdl< td=""><td>33</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td>76.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>45</td><td>89.2 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	25	50.8 ug/Kg		<mdl< td=""><td>33</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td>76.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>45</td><td>89.2 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	33		ug/Kg		<mdl< td=""><td>38</td><td>76.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>45</td><td>89.2 ug/Kg</td></mdl<></td></mdl<>	38	76.2	ug/Kg		<mdl< td=""><td>45</td><td>89.2 ug/Kg</td></mdl<>	45	89.2 ug/Kg
Naphthalene		MDL,G	19	37.4 ug/Kg		<mdl,g< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>28</td><td>56.1</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>33</td><td>65.7 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	24		ug/Kg		<mdl,g< td=""><td>28</td><td>56.1</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>33</td><td>65.7 ug/Kg</td></mdl,g<></td></mdl,g<>	28	56.1	ug/Kg		<mdl,g< td=""><td>33</td><td>65.7 ug/Kg</td></mdl,g<>	33	65.7 ug/Kg
Nitrobenzene		MDL,G	21	42.8 ug/Kg		<mdl,g< td=""><td>28</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>32</td><td>64.1</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>38</td><td>75.1 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	28		ug/Kg	<u> </u>	<mdl,g< td=""><td>32</td><td>64.1</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>38</td><td>75.1 ug/Kg</td></mdl,g<></td></mdl,g<>	32	64.1	ug/Kg		<mdl,g< td=""><td>38</td><td>75.1 ug/Kg</td></mdl,g<>	38	75.1 ug/Kg
N-Nitrosodimethylamine		<mdl< td=""><td>27</td><td>53.5 ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>40</td><td>80.2</td><td>-99</td><td></td><td><mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	27	53.5 ug/Kg		<mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>40</td><td>80.2</td><td>-99</td><td></td><td><mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	35		ug/Kg		<mdl< td=""><td>40</td><td>80.2</td><td>-99</td><td></td><td><mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<></td></mdl<>	40	80.2	-99		<mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<>	47	93.9 ug/Kg
N-Nitrosodi-N-Propylamine		<mdl< td=""><td>12</td><td>24.1 ug/Kg</td><td></td><td><mdl< td=""><td>16</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>18</td><td>36.1</td><td>ug/Kg</td><td><u> </u></td><td><mdl< td=""><td>21</td><td>42.3 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	12	24.1 ug/Kg		<mdl< td=""><td>16</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>18</td><td>36.1</td><td>ug/Kg</td><td><u> </u></td><td><mdl< td=""><td>21</td><td>42.3 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	16		ug/Kg		<mdl< td=""><td>18</td><td>36.1</td><td>ug/Kg</td><td><u> </u></td><td><mdl< td=""><td>21</td><td>42.3 ug/Kg</td></mdl<></td></mdl<>	18	36.1	ug/Kg	<u> </u>	<mdl< td=""><td>21</td><td>42.3 ug/Kg</td></mdl<>	21	42.3 ug/Kg
N-Nitrosodiphenylamine		<mdl< td=""><td>27</td><td>53.5 ug/Kg</td><td> </td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	27	53.5 ug/Kg	 	<mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	35		ug/Kg		<mdl< td=""><td>40</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<></td></mdl<>	40		ug/Kg		<mdl< td=""><td>47</td><td>93.9 ug/Kg</td></mdl<>	47	93.9 ug/Kg
Pentachlorophenol		<mdl< td=""><td>6.7</td><td>13.4 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>8.7</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>10</td><td>20</td><td></td><td></td><td><mdl,g< td=""><td>12</td><td>23.5 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<></td></mdl<>	6.7	13.4 ug/Kg	ļ	<mdl< td=""><td>8.7</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>10</td><td>20</td><td></td><td></td><td><mdl,g< td=""><td>12</td><td>23.5 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<>	8.7		ug/Kg		<mdl,g< td=""><td>10</td><td>20</td><td></td><td></td><td><mdl,g< td=""><td>12</td><td>23.5 ug/Kg</td></mdl,g<></td></mdl,g<>	10	20			<mdl,g< td=""><td>12</td><td>23.5 ug/Kg</td></mdl,g<>	12	23.5 ug/Kg
Phenanthrene		X,G	5.3	10.7 ug/Kg	107	X,G	7		ug/Kg	188	X,G	8	16		112	X,G	9.4	18.8 ug/Kg
Phenol		<mdl< td=""><td>12</td><td>24.1 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>16</td><td>31.4</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>18</td><td>36.1</td><td></td><td> </td><td><mdl,g< td=""><td>21</td><td>42.3 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<></td></mdl<>	12	24.1 ug/Kg	ļ	<mdl< td=""><td>16</td><td>31.4</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>18</td><td>36.1</td><td></td><td> </td><td><mdl,g< td=""><td>21</td><td>42.3 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl<>	16	31.4	ug/Kg		<mdl,g< td=""><td>18</td><td>36.1</td><td></td><td> </td><td><mdl,g< td=""><td>21</td><td>42.3 ug/Kg</td></mdl,g<></td></mdl,g<>	18	36.1		 	<mdl,g< td=""><td>21</td><td>42.3 ug/Kg</td></mdl,g<>	21	42.3 ug/Kg
Pyrene	1510	X,G	5.3	10.7 ug/Kg	121	X,G	7	13.9	ug/Kg	95.6	X,G	8	16	ug/Kg	54.7	X,G	9.4	18.8 ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)	1.58	Ē	0.00	0.742	<u> </u>		0.47	0.000				0.51	4.0=		17.			105
4,4'-DDD 4.4'-DDE	1.58 0.37 <r< td=""><td></td><td>0.36</td><td>0.713 ug/Kg 0.713 ug/Kg</td><td>2.6</td><td>E CEDICE</td><td>0.47</td><td></td><td>ug/Kg</td><td>6.47</td><td>E</td><td>0.54</td><td></td><td></td><td>17.1</td><td>E</td><td>0.63</td><td>1.25 ug/Kg</td></r<>		0.36	0.713 ug/Kg 0.713 ug/Kg	2.6	E CEDICE	0.47		ug/Kg	6.47	E	0.54			17.1	E	0.63	1.25 ug/Kg
4,4'-DDE 4,4'-DDT		, - ,	0.36		0.56	<rdl,g,e< td=""><td></td><td>0.929</td><td>ug/Kg</td><td>0.74</td><td><rdl,g,e< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td>2.65</td><td>G,E</td><td>0.63</td><td>1.25 ug/Kg</td></rdl,g,e<></td></rdl,g,e<>		0.929	ug/Kg	0.74	<rdl,g,e< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td>2.65</td><td>G,E</td><td>0.63</td><td>1.25 ug/Kg</td></rdl,g,e<>	0.54	1.07	ug/Kg	2.65	G,E	0.63	1.25 ug/Kg
		MDL,E <mdl< td=""><td>0.36</td><td>0.713 ug/Kg 0.713 ug/Kg</td><td> </td><td><mdl,e <mdl< td=""><td>0.47</td><td>0.929</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td>ļ</td><td><mdl,e< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl<></mdl,e </td></mdl<>	0.36	0.713 ug/Kg 0.713 ug/Kg	 	<mdl,e <mdl< td=""><td>0.47</td><td>0.929</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td>ļ</td><td><mdl,e< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl<></mdl,e 	0.47	0.929	ug/Kg		<mdl,e< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td>ļ</td><td><mdl,e< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl,e<></td></mdl,e<>	0.54	1.07	ug/Kg	ļ	<mdl,e< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl,e<>	0.63	1.25 ug/Kg
Aldrin Alpha-BHC		<mdl <mdl< td=""><td>0.36</td><td></td><td> </td><td><mdl< td=""><td>0.47 0.47</td><td>0.929</td><td>ug/Kg</td><td> </td><td><mdl< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td></td><td><mdl <mdl< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl<></mdl </td></mdl<></td></mdl<></td></mdl<></mdl 	0.36		 	<mdl< td=""><td>0.47 0.47</td><td>0.929</td><td>ug/Kg</td><td> </td><td><mdl< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td></td><td><mdl <mdl< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl<></mdl </td></mdl<></td></mdl<>	0.47 0.47	0.929	ug/Kg	 	<mdl< td=""><td>0.54</td><td>1.07</td><td>ug/Kg</td><td></td><td><mdl <mdl< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl<></mdl </td></mdl<>	0.54	1.07	ug/Kg		<mdl <mdl< td=""><td>0.63</td><td>1.25 ug/Kg</td></mdl<></mdl 	0.63	1.25 ug/Kg
Alpha-bitC	•	-IMDL	0.36	0.713 ug/Kg	il .	-MDL	0.47	0.929	ug/Kg	L	- MIDL	0.54	1.07	ug/Kg	11		0.63	1.25 ug/Kg

Locator: DWMP-05 Locator: DWMP-06 Locator: DWMP-07 ILocator: DWMP-08 PROJECT: 423001 Descrip: DENNY WAY MONITORI DENNY WAY MONITORI Descrip: DENNY WAY MONITORI **DENNY WAY MONITORI** Descrip: Descrip: Sampled: Apr 10, 2001 Sampled: Apr 09, 2001 Sampled: Apr 09, 2001 Sampled: Apr 10, 2001 Lab ID: L20541-5 llLab ID: L20541-6 Lab ID: L20541-7 Lab ID: L20541-8 SALTWTRSED Matrix: SALTWTRSED Matrix: SALTWTRSED Matrix: SALTWTRSED Matrix: % Solids: 74.8 % Solids: 57.4 % Solids: 49.9 % Solids: 42.6 MDL MDL MDL RDL **Parameters** Value Qual RDL Units Value Qual RDL Units Value Qual MDL RDL Units Value Qual Units - Dry Weight Basis - Dry Weight Basis - Dry Weight Basis - Dry Weight Basis COMBINED LABS <MDL <MDL Aroclor 1016 7.13 ug/Kg 9.29 ug/Ko <MDL 5.4 10.7 ug/Kg <MDL 12.5 ug/Kg Aroclor 1221 <MDL 3.6 <MDL 4.7 9.29 ug/Kg <MDL 5.4 10.7 <MDL 7.13 ug/Kg ug/Kg 12.5 ug/Kg <MDL Aroclor 1232 3.6 7.13 ug/Kg <MDL 4.7 9.29 ug/Kg <MDL 5.4 10.7 ug/Kg <MDL 6.3 12.5 ug/Kg <MDI <MDI Aroclor 1242 7.13 ug/Kg 9.29 ug/Kg <MDI 5.4 10.7 <MDI ug/Kg 12.5 ug/Kg Aroclor 1248 21.9 3.6 7.13 ug/Kg 32.2 4.7 9.29 ug/Kg 5.4 10.7 83.3 35.1 ug/Kg 6.3 12.5 ug/Kg Aroclor 1254 40.5 3.6 7.13 ug/Kg 65.7 4.7 9.29 ug/Kg 95 5.4 10.7 ug/Kg 216 12.5 ug/Kg Aroclor 1260 25.5 G,E 3.6 7.13 ug/Kg 66.7 9.29 ug/Kg 101 5.4 10.7 202 12.5 ug/Kg G 4.7 G ug/Kg G 6.3 Beta-BHC <MDL 0.36 0.713 ug/Kg <MDL 0.47 0.929 ug/Kg <MDL 0.54 1.07 ug/Kg <MDL 1.25 ug/Kg 0.63 Chlordane <MDL 0.36 0.713 ug/Kg <MDL 0.47 0.929 ug/Kg <MDL 2 4.01 <MDL 2,3 4.69 ug/Kg ug/Kg Delta-BHC <MDL 0.713 ug/Kg <MDL <MDL <MDL 0.36 0.47 0.929 ug/Kg 0.54 1.07 0.63 1.25 ug/Kg ug/Kg Dieldrin <MDL 0.36 0.713 ug/Kg <MDL 0.929 ug/Kg <MDL 1.07 ug/Kg <MDL 1.25 ug/Kg 0.54 <MDL <MDL 1.25 ug/Kg 0.36 0.713 ug/Kg <MDL <MDL Endosulfan I 0.929 ug/Kg 0.54 1.07 ug/Kg 0.63 <MDL 0.713 ug/Kg <MDL <MDL <MDL Endosulfan II 0.36 0.47 0.929 ug/Kg 0.54 1.07 ua/Ka 0.63 1.25 ug/Kg 0.713 ug/Kg Endosulfan Sulfate <MDL 0.36 <MDL 0.47 0.929 ug/Kg <MDL 0.54 1.07 ug/Kg <MDL 0.63 1.25 ug/Kg Endrin <MDL 0.713 ug/Kg <MDL 0.47 0.929 ug/Kg <MDL 0.54 1.07 ug/Kg <MDL 0.63 1.25 ug/Kg Endrin Aldehyde <MDL,G 0.36 0.713 ug/Kg <MDL.G 0.929 ug/Kg <MDL.G 0.54 1.07 ug/Kg <MDL.G 1.25 ug/Kg Gamma-BHC (Lindane) <MDL 0.36 0.713 ug/Kg <MDL <MDL <MDL 0.929 ug/Kg 1.07 ug/Kg 0.63 1.25 ug/Kg Heptachlor <MDL 0.36 0.713 ug/Kg <MDL <MDL <MDL 1.25 ug/Kg 0.47 0.929 ug/Kg 0.54 1.07 0.63 ug/Kg Heptachlor Epoxide <MDL 0.36 0.713 ug/Kg <MDL 0.47 0.929 ug/Kg <MDL 0.54 1.07 <MDL 0.63 ug/Kg 1.25 ug/Kg <MDL,E Methoxychlor 1.7 3.57 ug/Kg <MDL,E <MDL.E 2.6 <MDL,E 3.1 2.3 4.65 ug/Kg 5.35 ua/Ka 6.27 ug/Kg 7.13 ug/Kg Toxaphene <MDL <MDL <MDL 4.7 9.29 ug/Kg 10.7 ug/Kg <MDL 12.5 ug/Kg M=OR EPA 8260B (7-3-02-002) 1,1,2-Trichloroethylene <MDL <MDL <MDL 20 ug/Kg 23.5 ug/Kg 13.4 ug/Kg 17.4 ua/Ka <MDL Ethylbenzene <MDL 6.7 <MDL <MDL <MDL 13.4 ug/Kg 8.7 17.4 ug/Kg 10 12 23.5 ug/Kg 20 ug/Kg Tetrachioroethylene <MDL <MDL 17.4 ug/Kg <MDL <MDL 13.4 ug/Kg 8.7 10 20 ug/Kg 12 23.5 ug/Kg Total Xvienes <MDL 13.4 ug/Kg <MDL 17.4 ug/Kg <MDL 20 ug/Kg <MDL 23.5 ug/Kg 10 12 . Not converted to dry weight basis for this parameter

PROJECT: 423001 Locator: DWMP-09

Descrip: DENNY WAY MONITORI

Sampled: Apr 10, 2001 Lab ID: L20541-9 Matrix: SALTWTRSED

% Solids: 39.4

DWMP-09 ||Locator: DWMP-10

Descrip: DENNY WAY MONITORI

Sampled: Apr 19, 2001 Lab ID: L20541-10 Matrix: SALTWTRSED

% Solids: 71.5

Locator: DWMP-11

Descrip: DENNY WAY MONITORI

Sampled: Apr 10, 2001 Lab ID: L20541-11 Matrix: SALTWTRSED

% Solids: 57.9

Locator: DWMP-12

Descrip: DENNY WAY MONITORI

Sampled: Apr 10, 2001 Lab ID: L20541-12 Matrix: SALTWTRSED

% Solids: 37.3

	% Solids: 3	9.4			% Solids: 7	1.5				% Solids: 5	7.9				% Solids: 3	7.3			1
Parameters	Value	Qual - Di	MDL ry Weight Bas	RDL Units	Value	Qual	MDL Dry Weight Basi	RDL is	Units	Value	Qual	MDL Iry Weight Bas		Units	Value	Qual	MDL Ory Weight Ba		Units
COMBINED LABS					Ì														
M=CV ASTM D422									ļ					- 1					li
Clay *	19		0.1	%	1.7		0.1		%	8.7		0.1		%	23		0.1		%
Gravel *	3.8		0.1	%	0.38	E	0.1	-	%	0.92		0.1		%	0.64		0.1		%
p+0.00 *	6.8		0.1	%	2.1		0.1		%	1.9		0.1		%	7.7		0.1		%
p+1.00 *	3.8		0.1	%	15.5		0.1		%	14		0.1		%	1.9		0.1		%
p+10.0 *	3.8		0.1	%	0.22		0.1		%	1.6		0.1		%	4.7		0.1		%
p+10.0(more than) *	9.9		0.1	%	1.3		0.1		%	4.5		0.1		%	11.8		0.1		%
p+2.00 *	5.7		0.1	%	45.9		0.1		%	35.1		0.1		%	2.3		0.1		%
p+3.00 *	6.7		0.1	%	27		0.1		%	15.6		0.1		%	4.1		0.1		%
p+4.00 *	8.8		0.1	%	6.1		0.1		%	5.1		0.1		%	7.8		0.1		%
p+5.00 *	14.9		0.1	%		<mdl< td=""><td>0.1</td><td></td><td>%</td><td>6.8</td><td></td><td>0.1</td><td></td><td>%</td><td>16.1</td><td></td><td>0.1</td><td></td><td>%</td></mdl<>	0.1		%	6.8		0.1		%	16.1		0.1		%
p+6.00 *	13.9		0.1	%	0.4		0.1		%	5		0.1		%	16.1		0.1		%
p+7.00 *	9.9		0.1	%	0.43		0.1		%	3.9		0.1		%	12		0.1		%
p+8.00 *	. 6.8		0.1	%	0.34		0.1		%	2.9		0.1		%	8.4		0.1		%
p+9.00 *	5.3		0.1	%	0.22		0.1		%	2.7		0.1		%	6.4		0.1		%
p-1.00 *	1.1		0.1	%	0.27		0.1		%	0.71		0.1		%	0.64		0.1		%
p-2.00 *	2.7		0.1	%	0.11		0.1		%	0.22		0.1		%		<mdl< td=""><td>0.1</td><td></td><td>_%</td></mdl<>	0.1		_%
p-2.00(less than) *		<mdl< td=""><td>0.1</td><td>%</td><td>ļ</td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.1	%	ļ	<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<>	0.1		%
Sand *	31.8		0.1	%	96.8		0.1		%	71.8		0.1		%	23.7		0.1		%
Silt *	45.5		0.1	%	1.1		0.1		%	18.6		0.1		%	52.6		0.1		%
M=CV EPA9060-PSEP96 (03-04-002-001)					ļ					L					<u> </u>				
Total Organic Carbon	30700		1300	2540 mg/Kg	7640		700	1400	mg/Kg	18800		860	1730	mg/Kg	30600		1300	2680 r	mg/Kg
M=CV SM2540-G (03-01-007-001)					ļ														
Total Solids *	39.4		0.005	0.01 %	71.5		0.005	0.01	%	57.9		0.005	0.01	%	37.3		0.005	0.01	%
Total Volatile Solids	8.4		0.0127	0.0254 %	2.5		0.00699	0.014	%	5.61		0.00864	0.0173	%	8.9		0.0134	0.0268	%
M=CV SM4500-NH3-G (03-03-004-001)					170							0.40							
Ammonia Nitrogen	3.22		0.63	1.27 mg/Kg	4.78		0.35	0.699	mg/Kg	2.06		0.43	0.864	mg/Kg	3.35		0.67	1.34 r	mg/Kg
M=CV SM4500S2-D, EPA376.2				272 //						<u> </u>			7.04						
Total Sulfide	48.2		2.8	2.79 mg/Kg	84.3	G	14	14	mg/Kg	98.4		7.9	7.94	mg/Kg	26.8		2.6	2.6 1	mg/Kg
M=ES NONE	1000010				4000500					4000000			-		4000050				_ ft
Sampcoordx1 *	1263210			ft	1263560				ft	1263263 1263283				ft	1263052 1263054				ft
Sampcoordx2 *	1263219			<u>ft</u>	1263567				ft	1263283				ft	1263054				ft
Sampcoordx3 *	220045				229324					229160					228950				ft
Sampcoordy1 *	228815			ft					ft					ft					
Sampcoordy2 *	228809			ft	229321				ft	229161 229161				ft ft	228949 228971				ft
Sampcoordy3 *	29				7					19			****	m	220971				——
Sample Depth *	1143			m hr	1400				m hr	1210				hr	1300				m hr
Sample Start Time *	1143				1400	-				1210					1300				cm
Sediment Sampling Depth *				cm	0-2 cm				cm	0-2 cm			-	none	0-2 cm				none
Sediment Sampling Range *	0-2 cm 23N20			none	30P10					23W20					20N40				
Sediment Type	23N2U			none	JOUR 10				none	234420				none	201440				none

PROJECT: 423001	Locator: Descrip: Sampled: Lab ID: Matrix: % Solids:	DWMP-09 DENNY W Apr 10, 200 L20541-9 SALTWTR 39.4	AY MONIT	FORI	Descrip: Sampled: Lab ID:	DWMP-10 DENNY WA Apr 19, 200 L20541-10 SALTWTRS 71.5	1	ORI		Descrip:	DWMP-11 DENNY WA Apr 10, 200 L20541-11 SALTWTRS 57.9	1	ORI	Sampled: /	DENNY W Apr 10, 20 _20541-12 SALTWTF	/AY MONI 01 2	TORI	
Parameters	Value	Qual - D	MDL ry Weight Bas	RDL Units	Value	Qual - Di	MDL ry Weight Bas	RDL sis	Units	Value	Qual - Dr	MDL y Weight Bas	RDL Units	Value	Qual - t	MDL Ory Weight Ba	RDL asis	Units
COMBINED LABS]
Tidal Condition	E			none	F				none	E			none	S				none
Tide Height *	2			ft	8				ft	1			ft	0				ft
M=MT EPA 245.5 (06-01-004-003)	274				 								·	ļ				
Mercury, Total, CVAA	0.741		0.051	0.5 mg/Kg	0.2	<rdl< td=""><td>0.028</td><td>0.274 r</td><td>ng/Kg</td><td>0.477</td><td></td><td>0.035</td><td>0.344 mg/Kg</td><td>0.571</td><td></td><td>0.054</td><td>0.531</td><td>mg/Kg</td></rdl<>	0.028	0.274 r	ng/Kg	0.477		0.035	0.344 mg/Kg	0.571		0.054	0.531	mg/Kg
M=MT EPA3050A/6010B (06-02-004-002)		-MDI O		40 116	ļ	4401.0		40.0			1451.0							
Antimony, Total, ICP	40	<mdl,g< td=""><td>3.8</td><td>19 mg/Kg</td><td></td><td><mdl,g< td=""><td>2.1</td><td>10.6 r</td><td></td><td>l</td><td><mdl,g< td=""><td>2.6</td><td>12.6 mg/Kg</td><td></td><td><mdl,g< td=""><td>4</td><td></td><td>mg/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	3.8	19 mg/Kg		<mdl,g< td=""><td>2.1</td><td>10.6 r</td><td></td><td>l</td><td><mdl,g< td=""><td>2.6</td><td>12.6 mg/Kg</td><td></td><td><mdl,g< td=""><td>4</td><td></td><td>mg/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	2.1	10.6 r		l	<mdl,g< td=""><td>2.6</td><td>12.6 mg/Kg</td><td></td><td><mdl,g< td=""><td>4</td><td></td><td>mg/Kg</td></mdl,g<></td></mdl,g<>	2.6	12.6 mg/Kg		<mdl,g< td=""><td>4</td><td></td><td>mg/Kg</td></mdl,g<>	4		mg/Kg
Arsenic, Total, ICP	12		6.3	31.7 mg/Kg	6.2		3.5	17.8 r		6.6		4.1	20.9 mg/Kg	16	<rdl< td=""><td>6.7</td><td></td><td>mg/Kg</td></rdl<>	6.7		mg/Kg
Cadmium, Total, ICP	0.76 50.5		0.38	1.9 mg/Kg	0.46	<rdl,l< td=""><td>0.21</td><td>1.06 r</td><td></td><td>0.47</td><td><rdl,l< td=""><td>0.26</td><td>1.26 mg/Kg</td><td>0.99</td><td><rdl,l< td=""><td>0.4</td><td></td><td>mg/Kg</td></rdl,l<></td></rdl,l<></td></rdl,l<>	0.21	1.06 r		0.47	<rdl,l< td=""><td>0.26</td><td>1.26 mg/Kg</td><td>0.99</td><td><rdl,l< td=""><td>0.4</td><td></td><td>mg/Kg</td></rdl,l<></td></rdl,l<>	0.26	1.26 mg/Kg	0.99	<rdl,l< td=""><td>0.4</td><td></td><td>mg/Kg</td></rdl,l<>	0.4		mg/Kg
Chromium, Total, ICP Copper, Total, ICP	69.8			3.17 mg/Kg	41.7		0.35	1.78 r				0.41	2.09 mg/Kg	55		0.67		mg/Kg
Lead, Total, ICP	73.4		0.51	2.54 mg/Kg	69.2 99.7		0.28	1.41				0.33	1.68 mg/Kg	68.1		0.54		mg/Kg
Nickel, Total, ICP	45.7		2.5	19 mg/Kg			2.1	10.6				2.6	12.6 mg/Kg	89.8		4		mg/Kg
Silver, Total, ICP	2.99	~	0.51	12.7 mg/Kg	30.3 1.94		1.4	7.08				1.7	8.39 mg/Kg	52.3		2.7		mg/Kg
Zinc, Total, ICP	105		0.63	2.52 mg/Kg	96.1		0.28	1.37 (1.1		0.35	1.69 mg/Kg	2.95		0.54		mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)	103		0.03	3.17 mg/Kg	90.1		0.35	1.78 r	rig/Ng	77.7		0.41	2.09 mg/Kg	118		0.67	3.38	mg/Kg
1,2,4-Trichlorobenzene		<mdl.g< td=""><td>0.66</td><td>1.35 ug/Kg</td><td> </td><td><mdl.g< td=""><td>0.26</td><td>0.741</td><td>ualVa</td><td>l</td><td><mdl.g< td=""><td>0.45</td><td>0.915 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.7</td><td>-1.45</td><td></td></mdl,g<></td></mdl.g<></td></mdl.g<></td></mdl.g<>	0.66	1.35 ug/Kg	 	<mdl.g< td=""><td>0.26</td><td>0.741</td><td>ualVa</td><td>l</td><td><mdl.g< td=""><td>0.45</td><td>0.915 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.7</td><td>-1.45</td><td></td></mdl,g<></td></mdl.g<></td></mdl.g<>	0.26	0.741	ualVa	l	<mdl.g< td=""><td>0.45</td><td>0.915 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.7</td><td>-1.45</td><td></td></mdl,g<></td></mdl.g<>	0.45	0.915 ug/Kg		<mdl,g< td=""><td>0.7</td><td>-1.45</td><td></td></mdl,g<>	0.7	-1.45	
1,2-Dichlorobenzene		<mdl,g< td=""><td>0.66</td><td>1.35 ug/Kg</td><td>{</td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg ug/Kg</td><td> </td><td><mdl,g< td=""><td>0.45</td><td></td><td> </td><td><mdl,g< td=""><td>0.7</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.66	1.35 ug/Kg	{	<mdl,g< td=""><td></td><td></td><td>ug/Kg ug/Kg</td><td> </td><td><mdl,g< td=""><td>0.45</td><td></td><td> </td><td><mdl,g< td=""><td>0.7</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>			ug/Kg ug/Kg	 	<mdl,g< td=""><td>0.45</td><td></td><td> </td><td><mdl,g< td=""><td>0.7</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.45		 	<mdl,g< td=""><td>0.7</td><td></td><td>ug/Kg</td></mdl,g<>	0.7		ug/Kg
1,2-Diphenylhydrazine		<mdl,g< td=""><td>25</td><td>50.8 ug/Kg</td><td></td><td><mdl< td=""><td>14</td><td></td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td>17</td><td>0.915 ug/Kg 34.5 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>27</td><td></td><td>ug/Kg ug/Kg</td></mdl<></td></mdl,g<></td></mdl<></td></mdl,g<>	25	50.8 ug/Kg		<mdl< td=""><td>14</td><td></td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td>17</td><td>0.915 ug/Kg 34.5 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>27</td><td></td><td>ug/Kg ug/Kg</td></mdl<></td></mdl,g<></td></mdl<>	14		ug/Kg	 	<mdl,g< td=""><td>17</td><td>0.915 ug/Kg 34.5 ug/Kg</td><td>ļ</td><td><mdl< td=""><td>27</td><td></td><td>ug/Kg ug/Kg</td></mdl<></td></mdl,g<>	17	0.915 ug/Kg 34.5 ug/Kg	ļ	<mdl< td=""><td>27</td><td></td><td>ug/Kg ug/Kg</td></mdl<>	27		ug/Kg ug/Kg
1,3-Dichlorobenzene		<mdl,x< td=""><td>0.66</td><td>1.35 ug/Kg</td><td>-</td><td><mdl.x< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>0.45</td><td>0.915 ug/Kg</td><td></td><td><mdl.x< td=""><td>0.7</td><td>1.42</td><td></td></mdl.x<></td></mdl,x<></td></mdl.x<></td></mdl,x<>	0.66	1.35 ug/Kg	-	<mdl.x< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>0.45</td><td>0.915 ug/Kg</td><td></td><td><mdl.x< td=""><td>0.7</td><td>1.42</td><td></td></mdl.x<></td></mdl,x<></td></mdl.x<>			ug/Kg		<mdl,x< td=""><td>0.45</td><td>0.915 ug/Kg</td><td></td><td><mdl.x< td=""><td>0.7</td><td>1.42</td><td></td></mdl.x<></td></mdl,x<>	0.45	0.915 ug/Kg		<mdl.x< td=""><td>0.7</td><td>1.42</td><td></td></mdl.x<>	0.7	1.42	
1,4-Dichlorobenzene	<u>-</u>	<mdl,g< td=""><td>0.33</td><td>0.67 ug/Kg</td><td> </td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td><td> </td><td><mdl,x< td=""><td>0.43</td><td>0.456 ug/Kg</td><td> </td><td><mdl.g< td=""><td>0.35</td><td>0.708</td><td></td></mdl.g<></td></mdl,x<></td></mdl,g<></td></mdl,g<>	0.33	0.67 ug/Kg	 	<mdl,g< td=""><td></td><td></td><td>ug/Kg</td><td> </td><td><mdl,x< td=""><td>0.43</td><td>0.456 ug/Kg</td><td> </td><td><mdl.g< td=""><td>0.35</td><td>0.708</td><td></td></mdl.g<></td></mdl,x<></td></mdl,g<>			ug/Kg	 	<mdl,x< td=""><td>0.43</td><td>0.456 ug/Kg</td><td> </td><td><mdl.g< td=""><td>0.35</td><td>0.708</td><td></td></mdl.g<></td></mdl,x<>	0.43	0.456 ug/Kg	 	<mdl.g< td=""><td>0.35</td><td>0.708</td><td></td></mdl.g<>	0.35	0.708	
2,4,5-Trichlorophenol		<mdl,g< td=""><td>30</td><td>60.9 ug/Kg</td><td> </td><td><mdl,g< td=""><td>17</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>21</td><td>41.5 ug/Kg</td><td>ļ</td><td><mdl.g< td=""><td>32</td><td>64.3</td><td></td></mdl.g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	30	60.9 ug/Kg	 	<mdl,g< td=""><td>17</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>21</td><td>41.5 ug/Kg</td><td>ļ</td><td><mdl.g< td=""><td>32</td><td>64.3</td><td></td></mdl.g<></td></mdl,g<></td></mdl,g<>	17		ug/Kg	<u> </u>	<mdl,g< td=""><td>21</td><td>41.5 ug/Kg</td><td>ļ</td><td><mdl.g< td=""><td>32</td><td>64.3</td><td></td></mdl.g<></td></mdl,g<>	21	41.5 ug/Kg	ļ	<mdl.g< td=""><td>32</td><td>64.3</td><td></td></mdl.g<>	32	64.3	
2,4,6-Trichlorophenol	····	<mdl,g< td=""><td>33</td><td>66 ug/Kg</td><td>-</td><td><mdl,g< td=""><td>18</td><td>36.4</td><td></td><td> </td><td><mdl,g< td=""><td>22</td><td>44.9 ug/Kg</td><td> </td><td><mdl,g< td=""><td>35</td><td>69.7</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	33	66 ug/Kg	-	<mdl,g< td=""><td>18</td><td>36.4</td><td></td><td> </td><td><mdl,g< td=""><td>22</td><td>44.9 ug/Kg</td><td> </td><td><mdl,g< td=""><td>35</td><td>69.7</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	18	36.4		 	<mdl,g< td=""><td>22</td><td>44.9 ug/Kg</td><td> </td><td><mdl,g< td=""><td>35</td><td>69.7</td><td></td></mdl,g<></td></mdl,g<>	22	44.9 ug/Kg	 	<mdl,g< td=""><td>35</td><td>69.7</td><td></td></mdl,g<>	35	69.7	
2.4-Dichlorophenol		<mdl,g< td=""><td>41</td><td>81.2 ug/Kg</td><td>1</td><td><mdl,g< td=""><td>22</td><td>44.8</td><td></td><td>╬</td><td><mdl,g< td=""><td>28</td><td>55.3 ug/Kg</td><td></td><td><mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	41	81.2 ug/Kg	1	<mdl,g< td=""><td>22</td><td>44.8</td><td></td><td>╬</td><td><mdl,g< td=""><td>28</td><td>55.3 ug/Kg</td><td></td><td><mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	22	44.8		╬	<mdl,g< td=""><td>28</td><td>55.3 ug/Kg</td><td></td><td><mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<></td></mdl,g<>	28	55.3 ug/Kg		<mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<>	43	85.8	
2,4-Dimethylphenol		<mdl,g< td=""><td>18</td><td>35.5 ug/Kg</td><td>-</td><td><mdl,g< td=""><td>9.8</td><td>19.6</td><td></td><td></td><td><mdl,g< td=""><td>12</td><td>24.2 ug/Kg</td><td></td><td><mdl.g< td=""><td>19</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	18	35.5 ug/Kg	-	<mdl,g< td=""><td>9.8</td><td>19.6</td><td></td><td></td><td><mdl,g< td=""><td>12</td><td>24.2 ug/Kg</td><td></td><td><mdl.g< td=""><td>19</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl,g<></td></mdl,g<>	9.8	19.6			<mdl,g< td=""><td>12</td><td>24.2 ug/Kg</td><td></td><td><mdl.g< td=""><td>19</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl,g<>	12	24.2 ug/Kg		<mdl.g< td=""><td>19</td><td></td><td>ug/Kg</td></mdl.g<>	19		ug/Kg
2,4-Dinitrotoluene		<mdl,l< td=""><td>7.6</td><td>15.2 ug/Kg</td><td>1</td><td><mdl,l< td=""><td>4.2</td><td>8.39</td><td></td><td></td><td><mdl,u< td=""><td>5.2</td><td>10.4 ug/Kg</td><td></td><td><mdl,l< td=""><td>8</td><td>16.1</td><td></td></mdl,l<></td></mdl,u<></td></mdl,l<></td></mdl,l<>	7.6	15.2 ug/Kg	1	<mdl,l< td=""><td>4.2</td><td>8.39</td><td></td><td></td><td><mdl,u< td=""><td>5.2</td><td>10.4 ug/Kg</td><td></td><td><mdl,l< td=""><td>8</td><td>16.1</td><td></td></mdl,l<></td></mdl,u<></td></mdl,l<>	4.2	8.39			<mdl,u< td=""><td>5.2</td><td>10.4 ug/Kg</td><td></td><td><mdl,l< td=""><td>8</td><td>16.1</td><td></td></mdl,l<></td></mdl,u<>	5.2	10.4 ug/Kg		<mdl,l< td=""><td>8</td><td>16.1</td><td></td></mdl,l<>	8	16.1	
2.6-Dinitrotoluene		<mdl,l< td=""><td>25</td><td>50.8 ug/Kg</td><td></td><td><mdl,l< td=""><td>14</td><td></td><td>ug/Kg</td><td> </td><td><mdl,l< td=""><td>17</td><td>34.5 ug/Kg</td><td>}</td><td><mdl,l< td=""><td>27</td><td>53.6</td><td>الخسنسا</td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>	25	50.8 ug/Kg		<mdl,l< td=""><td>14</td><td></td><td>ug/Kg</td><td> </td><td><mdl,l< td=""><td>17</td><td>34.5 ug/Kg</td><td>}</td><td><mdl,l< td=""><td>27</td><td>53.6</td><td>الخسنسا</td></mdl,l<></td></mdl,l<></td></mdl,l<>	14		ug/Kg	 	<mdl,l< td=""><td>17</td><td>34.5 ug/Kg</td><td>}</td><td><mdl,l< td=""><td>27</td><td>53.6</td><td>الخسنسا</td></mdl,l<></td></mdl,l<>	17	34.5 ug/Kg	}	<mdl,l< td=""><td>27</td><td>53.6</td><td>الخسنسا</td></mdl,l<>	27	53.6	الخسنسا
2-Chloronaphthalene		<mdl< td=""><td>41</td><td>81.2 ug/Kg</td><td>1</td><td><mdl< td=""><td>22</td><td></td><td>ug/Kg</td><td>lt</td><td><mdl< td=""><td>28</td><td>55.3 ug/Kg</td><td></td><td><mdl< td=""><td>43</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	41	81.2 ug/Kg	1	<mdl< td=""><td>22</td><td></td><td>ug/Kg</td><td>lt</td><td><mdl< td=""><td>28</td><td>55.3 ug/Kg</td><td></td><td><mdl< td=""><td>43</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	22		ug/Kg	lt	<mdl< td=""><td>28</td><td>55.3 ug/Kg</td><td></td><td><mdl< td=""><td>43</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	28	55.3 ug/Kg		<mdl< td=""><td>43</td><td></td><td>ug/Kg</td></mdl<>	43		ug/Kg
2-Chlorophenol		<mdl,g< td=""><td>20</td><td>40.6 ug/Kg</td><td> </td><td><mdl.g< td=""><td>11</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>14</td><td>27.6 ug/Kg</td><td>}-</td><td><mdl,g< td=""><td>21</td><td>42.9</td><td></td></mdl,g<></td></mdl,g<></td></mdl.g<></td></mdl,g<>	20	40.6 ug/Kg	 	<mdl.g< td=""><td>11</td><td></td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>14</td><td>27.6 ug/Kg</td><td>}-</td><td><mdl,g< td=""><td>21</td><td>42.9</td><td></td></mdl,g<></td></mdl,g<></td></mdl.g<>	11		ug/Kg	1	<mdl,g< td=""><td>14</td><td>27.6 ug/Kg</td><td>}-</td><td><mdl,g< td=""><td>21</td><td>42.9</td><td></td></mdl,g<></td></mdl,g<>	14	27.6 ug/Kg	} -	<mdl,g< td=""><td>21</td><td>42.9</td><td></td></mdl,g<>	21	42.9	
2-Methylnaphthalene		<mdl< td=""><td>36</td><td>71.1 ug/Kg</td><td>1</td><td><mdl< td=""><td>20</td><td>39.2</td><td></td><td><u> </u></td><td><mdl< td=""><td>24</td><td>48.4 ug/Kg</td><td>├──</td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	36	71.1 ug/Kg	1	<mdl< td=""><td>20</td><td>39.2</td><td></td><td><u> </u></td><td><mdl< td=""><td>24</td><td>48.4 ug/Kg</td><td>├──</td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	20	39.2		<u> </u>	<mdl< td=""><td>24</td><td>48.4 ug/Kg</td><td>├──</td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	24	48.4 ug/Kg	├ ──	<mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<>	38		ug/Kg
2-Methylphenoi		<mdl,g< td=""><td>48</td><td>96.4 ug/Kg</td><td></td><td><mdl,g< td=""><td>27</td><td>53.1</td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>33</td><td>65.6 ug/Kg</td><td> </td><td><mdl,g< td=""><td>51</td><td>102</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	48	96.4 ug/Kg		<mdl,g< td=""><td>27</td><td>53.1</td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>33</td><td>65.6 ug/Kg</td><td> </td><td><mdl,g< td=""><td>51</td><td>102</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	27	53.1	ug/Kg	1	<mdl,g< td=""><td>33</td><td>65.6 ug/Kg</td><td> </td><td><mdl,g< td=""><td>51</td><td>102</td><td></td></mdl,g<></td></mdl,g<>	33	65.6 ug/Kg	 	<mdl,g< td=""><td>51</td><td>102</td><td></td></mdl,g<>	51	102	
2-Nitrophenol		<mdl,g< td=""><td>38</td><td>76.1 ug/Kg</td><td></td><td><mdl,g< td=""><td>21</td><td>42</td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>26</td><td>51.8 ug/Kg</td><td>l</td><td><mdl,g< td=""><td>40</td><td>80.4</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	38	76.1 ug/Kg		<mdl,g< td=""><td>21</td><td>42</td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>26</td><td>51.8 ug/Kg</td><td>l</td><td><mdl,g< td=""><td>40</td><td>80.4</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	21	42	ug/Kg	<u> </u>	<mdl,g< td=""><td>26</td><td>51.8 ug/Kg</td><td>l</td><td><mdl,g< td=""><td>40</td><td>80.4</td><td></td></mdl,g<></td></mdl,g<>	26	51.8 ug/Kg	l	<mdl,g< td=""><td>40</td><td>80.4</td><td></td></mdl,g<>	40	80.4	
4-Bromophenyl Phenyl Ether		<mdl< td=""><td>23</td><td>45.7 ug/Kg</td><td>1</td><td><mdl< td=""><td>13</td><td>25.2</td><td></td><td></td><td><mdl< td=""><td>16</td><td>31.1 ug/Kg</td><td></td><td><mdl< td=""><td>24</td><td>48.3</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	23	45.7 ug/Kg	1	<mdl< td=""><td>13</td><td>25.2</td><td></td><td></td><td><mdl< td=""><td>16</td><td>31.1 ug/Kg</td><td></td><td><mdl< td=""><td>24</td><td>48.3</td><td></td></mdl<></td></mdl<></td></mdl<>	13	25.2			<mdl< td=""><td>16</td><td>31.1 ug/Kg</td><td></td><td><mdl< td=""><td>24</td><td>48.3</td><td></td></mdl<></td></mdl<>	16	31.1 ug/Kg		<mdl< td=""><td>24</td><td>48.3</td><td></td></mdl<>	24	48.3	
4-Chlorophenyl Phenyl Ether		<mdl< td=""><td>33</td><td>66 ug/Kg</td><td></td><td><mdl< td=""><td>18</td><td>36.4</td><td></td><td></td><td><mdl< td=""><td>22</td><td>44.9 ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td>69.7</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	33	66 ug/Kg		<mdl< td=""><td>18</td><td>36.4</td><td></td><td></td><td><mdl< td=""><td>22</td><td>44.9 ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td>69.7</td><td></td></mdl<></td></mdl<></td></mdl<>	18	36.4			<mdl< td=""><td>22</td><td>44.9 ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td>69.7</td><td></td></mdl<></td></mdl<>	22	44.9 ug/Kg		<mdl< td=""><td>35</td><td>69.7</td><td></td></mdl<>	35	69.7	
4-Methylphenol		<mdl,g< td=""><td>41</td><td>81.2 ug/Kg</td><td></td><td><mdl,g< td=""><td>22</td><td>44.8</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>28</td><td>55.3 ug/Kg</td><td>1</td><td><mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	41	81.2 ug/Kg		<mdl,g< td=""><td>22</td><td>44.8</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>28</td><td>55.3 ug/Kg</td><td>1</td><td><mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	22	44.8	ug/Kg		<mdl,g< td=""><td>28</td><td>55.3 ug/Kg</td><td>1</td><td><mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<></td></mdl,g<>	28	55.3 ug/Kg	1	<mdl,g< td=""><td>43</td><td>85.8</td><td></td></mdl,g<>	43	85.8	
Acenaphthene		<mdl< td=""><td>18</td><td>35.5 ug/Kg</td><td>1</td><td><mdl< td=""><td>9.8</td><td>19.6</td><td></td><td></td><td><mdl< td=""><td>12</td><td>24.2 ug/Kg</td><td></td><td><mdl< td=""><td>19</td><td>37.5</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	18	35.5 ug/Kg	1	<mdl< td=""><td>9.8</td><td>19.6</td><td></td><td></td><td><mdl< td=""><td>12</td><td>24.2 ug/Kg</td><td></td><td><mdl< td=""><td>19</td><td>37.5</td><td></td></mdl<></td></mdl<></td></mdl<>	9.8	19.6			<mdl< td=""><td>12</td><td>24.2 ug/Kg</td><td></td><td><mdl< td=""><td>19</td><td>37.5</td><td></td></mdl<></td></mdl<>	12	24.2 ug/Kg		<mdl< td=""><td>19</td><td>37.5</td><td></td></mdl<>	19	37.5	
Acenaphthylene		<mdl< td=""><td>38</td><td>76.1 ug/Kg</td><td></td><td><mdl< td=""><td>21</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>26</td><td>51.8 ug/Kg</td><td></td><td><mdl< td=""><td>40</td><td>80.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	38	76.1 ug/Kg		<mdl< td=""><td>21</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>26</td><td>51.8 ug/Kg</td><td></td><td><mdl< td=""><td>40</td><td>80.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	21		ug/Kg		<mdl< td=""><td>26</td><td>51.8 ug/Kg</td><td></td><td><mdl< td=""><td>40</td><td>80.4</td><td>ug/Kg</td></mdl<></td></mdl<>	26	51.8 ug/Kg		<mdl< td=""><td>40</td><td>80.4</td><td>ug/Kg</td></mdl<>	40	80.4	ug/Kg
Aniline		<mdl,x< td=""><td>48</td><td>96.4 ug/Kg</td><td></td><td><mdl,x< td=""><td>27</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,x< td=""><td>33</td><td>65.6 ug/Kg</td><td></td><td><mdl,x< td=""><td>51</td><td>102</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	48	96.4 ug/Kg		<mdl,x< td=""><td>27</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,x< td=""><td>33</td><td>65.6 ug/Kg</td><td></td><td><mdl,x< td=""><td>51</td><td>102</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<>	27		ug/Kg	<u> </u>	<mdl,x< td=""><td>33</td><td>65.6 ug/Kg</td><td></td><td><mdl,x< td=""><td>51</td><td>102</td><td></td></mdl,x<></td></mdl,x<>	33	65.6 ug/Kg		<mdl,x< td=""><td>51</td><td>102</td><td></td></mdl,x<>	51	102	
Anthracene	69		10	20.3 ug/Kg	47.4	G	5.6	11.2	ug/Kg	43.2	G	6.9	13.8 ug/Kg	59.5	G	11	21.4	4 ug/Kg
Benzo(a)anthracene	67.8	_	5.1	10.2 ug/Kg	84.1	Х	2.8	5.59	ug/Kg	43.2	X	3.5	6.91 ug/Kg	30.3	X	5.4	10.7	
Benzo(a)pyrene		<mdl,x< td=""><td>7.6</td><td>15.2 ug/Kg</td><td></td><td><mdl,x< td=""><td>4.2</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>5.2</td><td>10.4 ug/Kg</td><td></td><td><mdl,x< td=""><td>8</td><td>16.1</td><td>1 ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	7.6	15.2 ug/Kg		<mdl,x< td=""><td>4.2</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>5.2</td><td>10.4 ug/Kg</td><td></td><td><mdl,x< td=""><td>8</td><td>16.1</td><td>1 ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	4.2		ug/Kg		<mdl,x< td=""><td>5.2</td><td>10.4 ug/Kg</td><td></td><td><mdl,x< td=""><td>8</td><td>16.1</td><td>1 ug/Kg</td></mdl,x<></td></mdl,x<>	5.2	10.4 ug/Kg		<mdl,x< td=""><td>8</td><td>16.1</td><td>1 ug/Kg</td></mdl,x<>	8	16.1	1 ug/Kg
Benzo(b)fluoranthene	89.1	X,L	7.6	15.2 ug/Kg	69.1	X,L	4.2	8.39	ug/Kg	32.8	X,L	5.2	10.4 ug/Kg	34.6	X,L	8	16.1	1 ug/Kg

PROJECT: 423001	Descrip: I Sampled: / Lab ID:	Apr 10, 200 L20541-9 SALTWTR:	11	TORI	Descrip: Sampled:	DWMP-10 DENNY WA Apr 19, 200 L20541-10 SALTWTRS 71.5	1	ORI		Sampled: Lab ID:	DENNY WA Apr 10, 200° L20541-11 SALTWTRS	1	ORI		Sampled: A Lab ID: L	DENNY WA Apr 10, 2001 L20541-12 SALTWTRS	1	'ORI	
Parameters	Value	Quat - Dg	MDL y Weight Ba	RDL Units	Value	Qual - Dr	MDL y Weight Bas		Units	Value	Qual - Dr	MDL y Weight Basi		Units	Value	Qual - Dry	MDL Weight Bas		Units
COMBINED LABS			-		ļį.					1									
Benzo(g,h,i)perylene		<mdl,x,g< td=""><td>20</td><td>40.6 ug/Kg</td><td></td><td><mdl,x,g< td=""><td>11</td><td>22.4</td><td>ug/Kg</td><td>ĺ</td><td><mdl,x,g< td=""><td>14</td><td>27.6 t</td><td>ıg/Kg</td><td>[]</td><td><mdl,x,g< td=""><td>21</td><td>42.9 u</td><td>ug/Kg</td></mdl,x,g<></td></mdl,x,g<></td></mdl,x,g<></td></mdl,x,g<>	20	40.6 ug/Kg		<mdl,x,g< td=""><td>11</td><td>22.4</td><td>ug/Kg</td><td>ĺ</td><td><mdl,x,g< td=""><td>14</td><td>27.6 t</td><td>ıg/Kg</td><td>[]</td><td><mdl,x,g< td=""><td>21</td><td>42.9 u</td><td>ug/Kg</td></mdl,x,g<></td></mdl,x,g<></td></mdl,x,g<>	11	22.4	ug/Kg	ĺ	<mdl,x,g< td=""><td>14</td><td>27.6 t</td><td>ıg/Kg</td><td>[]</td><td><mdl,x,g< td=""><td>21</td><td>42.9 u</td><td>ug/Kg</td></mdl,x,g<></td></mdl,x,g<>	14	27.6 t	ıg/Kg	[]	<mdl,x,g< td=""><td>21</td><td>42.9 u</td><td>ug/Kg</td></mdl,x,g<>	21	42.9 u	ug/Kg
Benzo(k)fluoranthene	50	G,L	7.6	15.2 ug/Kg	42	G,L	4.2	8.39	ug/Kg	22.1	G,L	5.2	10.4 U	ıg/Kg		<mdl,g,l< td=""><td>8</td><td>16.1 u</td><td>ug/Kg</td></mdl,g,l<>	8	16.1 u	ug/Kg
Benzoic Acid	248	G	15	30.5 ug/Kg	173	G	8.4	16.8	ug/Kg	226	G	10	20.7	ıg/Kg	284	G	16	32.2 u	ug/Kg
Benzyl Alcohol		<mdl.x< td=""><td>15</td><td>30.5 ug/Kg</td><td></td><td><mdl.x< td=""><td>8.4</td><td></td><td>ug/Kg</td><td>1}</td><td><mdl.x< td=""><td>10</td><td></td><td>Jg/Kg</td><td>41</td><td><mdl,x< td=""><td>16</td><td>32.2 u</td><td>-</td></mdl,x<></td></mdl.x<></td></mdl.x<></td></mdl.x<>	15	30.5 ug/Kg		<mdl.x< td=""><td>8.4</td><td></td><td>ug/Kg</td><td>1}</td><td><mdl.x< td=""><td>10</td><td></td><td>Jg/Kg</td><td>41</td><td><mdl,x< td=""><td>16</td><td>32.2 u</td><td>-</td></mdl,x<></td></mdl.x<></td></mdl.x<>	8.4		ug/Kg	1}	<mdl.x< td=""><td>10</td><td></td><td>Jg/Kg</td><td>41</td><td><mdl,x< td=""><td>16</td><td>32.2 u</td><td>-</td></mdl,x<></td></mdl.x<>	10		Jg/Kg	41	<mdl,x< td=""><td>16</td><td>32.2 u</td><td>-</td></mdl,x<>	16	32.2 u	-
Benzyl Butyl Phthalate	94.2	L	15	30.5 ug/Kg	266	L	8.4		ug/Kg		L	10		ıg/Kg		L	16	32.2 u	ug/Kg
Bis(2-Chloroethoxy)Methane		<mdl< td=""><td>43</td><td>86.3 ug/Kg</td><td>1</td><td><mdl< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>29</td><td></td><td>ıg/Kg</td><td></td><td><mdl< td=""><td>46</td><td>91.2 u</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	43	86.3 ug/Kg	1	<mdl< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>29</td><td></td><td>ıg/Kg</td><td></td><td><mdl< td=""><td>46</td><td>91.2 u</td><td></td></mdl<></td></mdl<></td></mdl<>	24		ug/Kg		<mdl< td=""><td>29</td><td></td><td>ıg/Kg</td><td></td><td><mdl< td=""><td>46</td><td>91.2 u</td><td></td></mdl<></td></mdl<>	29		ıg/Kg		<mdl< td=""><td>46</td><td>91.2 u</td><td></td></mdl<>	46	91.2 u	
Bis(2-Chloroethyl)Ether		<mdl.g< td=""><td>38</td><td>76.1 ug/Kg</td><td></td><td><mdl.g< td=""><td>21</td><td></td><td>ug/Kg</td><td>•——</td><td><mdl.g< td=""><td>26</td><td>51.8</td><td></td><td></td><td><mdl,g< td=""><td>40</td><td>80.4 u</td><td></td></mdl,g<></td></mdl.g<></td></mdl.g<></td></mdl.g<>	38	76.1 ug/Kg		<mdl.g< td=""><td>21</td><td></td><td>ug/Kg</td><td>•——</td><td><mdl.g< td=""><td>26</td><td>51.8</td><td></td><td></td><td><mdl,g< td=""><td>40</td><td>80.4 u</td><td></td></mdl,g<></td></mdl.g<></td></mdl.g<>	21		ug/Kg	•——	<mdl.g< td=""><td>26</td><td>51.8</td><td></td><td></td><td><mdl,g< td=""><td>40</td><td>80.4 u</td><td></td></mdl,g<></td></mdl.g<>	26	51.8			<mdl,g< td=""><td>40</td><td>80.4 u</td><td></td></mdl,g<>	40	80.4 u	
Bis(2-Chloroisopropyl)Ether		<mdl< td=""><td>38</td><td>76.1 ug/Kg</td><td>l</td><td><mdl< td=""><td>21</td><td></td><td>ug/Kg</td><td>4}</td><td><mdl< td=""><td>26</td><td>51.8</td><td></td><td></td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	38	76.1 ug/Kg	l	<mdl< td=""><td>21</td><td></td><td>ug/Kg</td><td>4}</td><td><mdl< td=""><td>26</td><td>51.8</td><td></td><td></td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	21		ug/Kg	4}	<mdl< td=""><td>26</td><td>51.8</td><td></td><td></td><td><mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	26	51.8			<mdl< td=""><td>40</td><td></td><td>ug/Kg</td></mdl<>	40		ug/Kg
Bis(2-Ethylhexyl)Phthalate	1030	G	17	35.5 ug/Kg	4		9.4	19.6	ug/Kg			12	24.2			G	18		ug/Kg
Caffeine		<mdl< td=""><td>15</td><td>30.5 ug/Kg</td><td></td><td><mdl< td=""><td>8.4</td><td>16.8</td><td>ug/Kg</td><td>↓</td><td><mdl< td=""><td>10</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>16</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	15	30.5 ug/Kg		<mdl< td=""><td>8.4</td><td>16.8</td><td>ug/Kg</td><td>↓</td><td><mdl< td=""><td>10</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>16</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	8.4	16.8	ug/Kg	↓	<mdl< td=""><td>10</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>16</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	10		ug/Kg		<mdl< td=""><td>16</td><td></td><td>ug/Kg</td></mdl<>	16		ug/Kg
Carbazole	22	<rdl< td=""><td>18</td><td>35.5 ug/Kg</td><td></td><td></td><td>9.8</td><td>19.6</td><td>ug/Kg</td><td>∢</td><td></td><td>12</td><td>24.2</td><td></td><td></td><td><rdl< td=""><td>19</td><td>37.5 L</td><td></td></rdl<></td></rdl<>	18	35.5 ug/Kg			9.8	19.6	ug/Kg	∢		12	24.2			<rdl< td=""><td>19</td><td>37.5 L</td><td></td></rdl<>	19	37.5 L	
Chrysene	60.2	X,L	10	20.3 ug/Kg			5.6		ug/Kg			6.9	13.8			<rdl.x.l< td=""><td>11</td><td>21.4 L</td><td></td></rdl.x.l<>	11	21.4 L	
Coprostanol		<mdl,x< td=""><td>36</td><td>71.1 ug/Kg</td><td></td><td><mdl,x< td=""><td>20</td><td>39.2</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>24</td><td>48.4</td><td></td><td></td><td><mdl.x< td=""><td>38</td><td>-</td><td>ug/Kg</td></mdl.x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	36	71.1 ug/Kg		<mdl,x< td=""><td>20</td><td>39.2</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>24</td><td>48.4</td><td></td><td></td><td><mdl.x< td=""><td>38</td><td>-</td><td>ug/Kg</td></mdl.x<></td></mdl,x<></td></mdl,x<>	20	39.2	ug/Kg		<mdl,x< td=""><td>24</td><td>48.4</td><td></td><td></td><td><mdl.x< td=""><td>38</td><td>-</td><td>ug/Kg</td></mdl.x<></td></mdl,x<>	24	48.4			<mdl.x< td=""><td>38</td><td>-</td><td>ug/Kg</td></mdl.x<>	38	-	ug/Kg
Dibenzo(a,h)anthracene		<mdl,g,l< td=""><td>18</td><td>35.5 ug/Kg</td><td></td><td><mdl,g,l< td=""><td>9.8</td><td></td><td>ug/Kg</td><td>4</td><td><mdl.g.l< td=""><td>12</td><td>24.2</td><td>Ja/Ka</td><td><u> </u></td><td><mdl,g,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,g,l<></td></mdl.g.l<></td></mdl,g,l<></td></mdl,g,l<>	18	35.5 ug/Kg		<mdl,g,l< td=""><td>9.8</td><td></td><td>ug/Kg</td><td>4</td><td><mdl.g.l< td=""><td>12</td><td>24.2</td><td>Ja/Ka</td><td><u> </u></td><td><mdl,g,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,g,l<></td></mdl.g.l<></td></mdl,g,l<>	9.8		ug/Kg	4	<mdl.g.l< td=""><td>12</td><td>24.2</td><td>Ja/Ka</td><td><u> </u></td><td><mdl,g,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,g,l<></td></mdl.g.l<>	12	24.2	Ja/Ka	<u> </u>	<mdl,g,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,g,l<>	19		ug/Kg
Dibenzofuran		<mdl< td=""><td>36</td><td>71.1 ug/Kg</td><td></td><td><mdl, l<="" td="" u,=""><td>20</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,></td></mdl<>	36	71.1 ug/Kg		<mdl, l<="" td="" u,=""><td>20</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,>	20		ug/Kg		<mdl< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	24		ug/Kg		<mdl< td=""><td>38</td><td></td><td>ug/Kg</td></mdl<>	38		ug/Kg
Diethyl Phthalate		<mdl< td=""><td>15</td><td>30.5 ug/Kg</td><td></td><td><mdl< td=""><td>8.4</td><td>16.8</td><td>ug/Kg</td><td>4</td><td><mdl< td=""><td>10</td><td>20.7</td><td></td><td></td><td><mdl< td=""><td>16</td><td>32.2 \</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	15	30.5 ug/Kg		<mdl< td=""><td>8.4</td><td>16.8</td><td>ug/Kg</td><td>4</td><td><mdl< td=""><td>10</td><td>20.7</td><td></td><td></td><td><mdl< td=""><td>16</td><td>32.2 \</td><td></td></mdl<></td></mdl<></td></mdl<>	8.4	16.8	ug/Kg	4	<mdl< td=""><td>10</td><td>20.7</td><td></td><td></td><td><mdl< td=""><td>16</td><td>32.2 \</td><td></td></mdl<></td></mdl<>	10	20.7			<mdl< td=""><td>16</td><td>32.2 \</td><td></td></mdl<>	16	32.2 \	
Dimethyl Phthalate		<mdl,l< td=""><td>28</td><td>55.8 ug/Kg</td><td>-</td><td></td><td>15</td><td>30.8</td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>19</td><td></td><td>ug/Kg</td><td></td><td><mdl.l< td=""><td>29</td><td></td><td>ug/Kg</td></mdl.l<></td></mdl,l<></td></mdl,l<>	28	55.8 ug/Kg	-		15	30.8	ug/Kg		<mdl,l< td=""><td>19</td><td></td><td>ug/Kg</td><td></td><td><mdl.l< td=""><td>29</td><td></td><td>ug/Kg</td></mdl.l<></td></mdl,l<>	19		ug/Kg		<mdl.l< td=""><td>29</td><td></td><td>ug/Kg</td></mdl.l<>	29		ug/Kg
Di-N-Butyl Phthalate	74.6	B,L	13	25.4 ug/Kg	<u> </u>		7	14	ug/Kg			8.6		ug/Kg		B,L	13		ug/Kg
Di-N-Octyl Phthalate		<mdl,l< td=""><td>20</td><td>40.6 ug/Kg</td><td>4</td><td><mdl.l< td=""><td>11</td><td>22.4</td><td>ug/Kg</td><td>45</td><td><mdl.l< td=""><td>14</td><td>27.6</td><td></td><td>1</td><td><mdl,l< td=""><td>21</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl.l<></td></mdl.l<></td></mdl,l<>	20	40.6 ug/Kg	4	<mdl.l< td=""><td>11</td><td>22.4</td><td>ug/Kg</td><td>45</td><td><mdl.l< td=""><td>14</td><td>27.6</td><td></td><td>1</td><td><mdl,l< td=""><td>21</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl.l<></td></mdl.l<>	11	22.4	ug/Kg	45	<mdl.l< td=""><td>14</td><td>27.6</td><td></td><td>1</td><td><mdl,l< td=""><td>21</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl.l<>	14	27.6		1	<mdl,l< td=""><td>21</td><td></td><td>ug/Kg</td></mdl,l<>	21		ug/Kg
Fluoranthene	123	X	20	40.6 ug/Kg	1		11	22.4	ug/Kg	1	'	14	27.6			X	21		ug/Kg
Fluorene		<mdl< td=""><td>33</td><td>66 ug/Kg</td><td></td><td></td><td>18</td><td>36.4</td><td>ug/Kg</td><td>4</td><td><mdl< td=""><td>22</td><td>44.9</td><td></td><td></td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	33	66 ug/Kg			18	36.4	ug/Kg	4	<mdl< td=""><td>22</td><td>44.9</td><td></td><td></td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	22	44.9			<mdl< td=""><td>35</td><td></td><td>ug/Kg</td></mdl<>	35		ug/Kg
Hexachlorobenzene		<mdl.g< td=""><td>1.7</td><td>3.38 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.92</td><td>1.86</td><td>ug/Kg</td><td>-</td><td><mdl,g< td=""><td>1,1</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.8</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl.g<>	1.7	3.38 ug/Kg		<mdl,g< td=""><td>0.92</td><td>1.86</td><td>ug/Kg</td><td>-</td><td><mdl,g< td=""><td>1,1</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.8</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.92	1.86	ug/Kg	-	<mdl,g< td=""><td>1,1</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1.8</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	1,1		ug/Kg		<mdl,g< td=""><td>1.8</td><td></td><td>ug/Kg</td></mdl,g<>	1.8		ug/Kg
Hexachlorobutadiene		<mdl,g< td=""><td>1.9</td><td>3.81 ug/Kg</td><td></td><td><mdl,g< td=""><td>1</td><td>2.1</td><td>ug/Kg</td><td>-</td><td><mdl,g< td=""><td>1.3</td><td>2.59</td><td></td><td></td><td><mdl.g< td=""><td>2</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.9	3.81 ug/Kg		<mdl,g< td=""><td>1</td><td>2.1</td><td>ug/Kg</td><td>-</td><td><mdl,g< td=""><td>1.3</td><td>2.59</td><td></td><td></td><td><mdl.g< td=""><td>2</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl,g<></td></mdl,g<>	1	2.1	ug/Kg	-	<mdl,g< td=""><td>1.3</td><td>2.59</td><td></td><td></td><td><mdl.g< td=""><td>2</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl,g<>	1.3	2.59			<mdl.g< td=""><td>2</td><td></td><td>ug/Kg</td></mdl.g<>	2		ug/Kg
Hexachloroethane		<mdl,x< td=""><td>38</td><td>76.1 ug/Kg</td><td>4</td><td><mdl,x< td=""><td>21</td><td>42</td><td>ug/Kg</td><td>-13</td><td><mdl,x< td=""><td>26</td><td>51,8</td><td></td><td></td><td><mdl,x< td=""><td>40</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	38	76.1 ug/Kg	4	<mdl,x< td=""><td>21</td><td>42</td><td>ug/Kg</td><td>-13</td><td><mdl,x< td=""><td>26</td><td>51,8</td><td></td><td></td><td><mdl,x< td=""><td>40</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	21	42	ug/Kg	-13	<mdl,x< td=""><td>26</td><td>51,8</td><td></td><td></td><td><mdl,x< td=""><td>40</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<>	26	51,8			<mdl,x< td=""><td>40</td><td></td><td>ug/Kg</td></mdl,x<>	40		ug/Kg
Indeno(1,2,3-Cd)Pyrene		<mdl,x< td=""><td>23</td><td>45.7 ug/Kg</td><td></td><td><mdl,x< td=""><td>13</td><td>25.2</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>16</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<></td></mdl,x<>	23	45.7 ug/Kg		<mdl,x< td=""><td>13</td><td>25.2</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>16</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	13	25.2	ug/Kg		<mdl,x< td=""><td>16</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x<></td></mdl,x<>	16		ug/Kg		<mdl,x< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x<>	24		ug/Kg
Isophorone		<mdl< td=""><td>48</td><td>96.4 ug/Kg</td><td>11</td><td><mdl,x< td=""><td>27</td><td>53.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>33</td><td>65.6</td><td></td><td></td><td><mdl< td=""><td>51</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,x<></td></mdl<>	48	96.4 ug/Kg	11	<mdl,x< td=""><td>27</td><td>53.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>33</td><td>65.6</td><td></td><td></td><td><mdl< td=""><td>51</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,x<>	27	53.1	ug/Kg		<mdl< td=""><td>33</td><td>65.6</td><td></td><td></td><td><mdl< td=""><td>51</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	33	65.6			<mdl< td=""><td>51</td><td></td><td>ug/Kg</td></mdl<>	51		ug/Kg
Naphthalene		<mdl.g< td=""><td>36</td><td>71.1 ug/Kg</td><td>4</td><td><mdl,g< td=""><td>20</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>38</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl.g<>	36	71.1 ug/Kg	4	<mdl,g< td=""><td>20</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>38</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	20		ug/Kg		<mdl,g< td=""><td>24</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>38</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	24		ug/Kg		<mdl,g< td=""><td>38</td><td></td><td>ug/Kg</td></mdl,g<>	38		ug/Kg
Nitrobenzene		<mdl.g< td=""><td>41</td><td>81.2 ug/Kg</td><td></td><td><mdl,g< td=""><td>22</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>28</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>43</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl.g<>	41	81.2 ug/Kg		<mdl,g< td=""><td>22</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>28</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>43</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	22		ug/Kg		<mdl,g< td=""><td>28</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,g< td=""><td>43</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	28		ug/Kg	<u> </u>	<mdl,g< td=""><td>43</td><td></td><td>ug/Kg</td></mdl,g<>	43		ug/Kg
N-Nitrosodimethylamine		<mdl< td=""><td>51</td><td>102 ug/Kg</td><td></td><td><mdl,< td=""><td>28</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td>-</td><td><mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,<></td></mdl<>	51	102 ug/Kg		<mdl,< td=""><td>28</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td>-</td><td><mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,<>	28		ug/Kg		<mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td>-</td><td><mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	35		ug/Kg	-	<mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<>	54		ug/Kg
N-Nitrosodi-N-Propylamine		<mdl< td=""><td>23</td><td>45.7 ug/Kg</td><td>∤——</td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>16</td><td></td><td>ug/Kg</td><td>₹}————</td><td><mdl< td=""><td>24</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	23	45.7 ug/Kg	∤ ——	<mdl< td=""><td>13</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>16</td><td></td><td>ug/Kg</td><td>₹}————</td><td><mdl< td=""><td>24</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	13		ug/Kg		<mdl< td=""><td>16</td><td></td><td>ug/Kg</td><td>₹}————</td><td><mdl< td=""><td>24</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	16		ug/Kg	₹}————	<mdl< td=""><td>24</td><td></td><td>ug/Kg</td></mdl<>	24		ug/Kg
		<mdl< td=""><td>51</td><td>102 ug/Kg</td><td></td><td><mdl< td=""><td>28</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	51	102 ug/Kg		<mdl< td=""><td>28</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	28		ug/Kg		<mdl< td=""><td>35</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	35		ug/Kg		<mdl< td=""><td>54</td><td></td><td>ug/Kg</td></mdl<>	54		ug/Kg
N-Nitrosodiphenylamine Pentachlorophenol		<mdl.g< td=""><td>13</td><td>25.4 ug/Kg</td><td></td><td><mdl.g< td=""><td>7</td><td>14</td><td>ug/Kg</td><td></td><td><mdl.g< td=""><td>8.6</td><td>17.3</td><td></td><td></td><td><mdl.g< td=""><td>13</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl.g<></td></mdl.g<></td></mdl.g<>	13	25.4 ug/Kg		<mdl.g< td=""><td>7</td><td>14</td><td>ug/Kg</td><td></td><td><mdl.g< td=""><td>8.6</td><td>17.3</td><td></td><td></td><td><mdl.g< td=""><td>13</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl.g<></td></mdl.g<>	7	14	ug/Kg		<mdl.g< td=""><td>8.6</td><td>17.3</td><td></td><td></td><td><mdl.g< td=""><td>13</td><td></td><td>ug/Kg</td></mdl.g<></td></mdl.g<>	8.6	17.3			<mdl.g< td=""><td>13</td><td></td><td>ug/Kg</td></mdl.g<>	13		ug/Kg
Phenanthrene	50.5	X.G	10	20.3 ug/Kg			5.6	11.2	ug/Kg			6.9		ug/Kg		<rdl,x,g< td=""><td>11</td><td></td><td>ug/Kg</td></rdl,x,g<>	11		ug/Kg
Phenol		<mdl,g< td=""><td>23</td><td>45.7 ug/Kg</td><td>41</td><td><mdl.g< td=""><td>13</td><td></td><td>ug/Kg</td><td>11</td><td><mdl,g< td=""><td>16</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,x,g< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x,g<></td></mdl,g<></td></mdl.g<></td></mdl,g<>	23	45.7 ug/Kg	41	<mdl.g< td=""><td>13</td><td></td><td>ug/Kg</td><td>11</td><td><mdl,g< td=""><td>16</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,x,g< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x,g<></td></mdl,g<></td></mdl.g<>	13		ug/Kg	11	<mdl,g< td=""><td>16</td><td></td><td>ug/Kg</td><td><u> </u></td><td><mdl,x,g< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x,g<></td></mdl,g<>	16		ug/Kg	<u> </u>	<mdl,x,g< td=""><td>24</td><td></td><td>ug/Kg</td></mdl,x,g<>	24		ug/Kg
Pyrene	30.2	X,G	10	20.3 ug/Kg	 		5.6		ug/Kg			6.9	13.8			<mdl,x.g< td=""><td>11</td><td>21.4</td><td></td></mdl,x.g<>	11	21.4	
M=OR EPA 8081A/8082 (7-3-03-002)	30.2	7,0	- 10	20.0 dg/rkg	20.7	Х,О		11.2	agritg		λ,υ		10.0	49/11/9	 	-INDL,X,O			ug/itg
4.4'-DDD	13.2	E	0.69	1.35 ug/Kg	1.89	E	0.38	0.745	ua/Ka	6.86	E	0.47	0.921	ug/Kg	13.1	E	0.72	1.43 ι	μα/Κα
4,4'-DDE	1.97	G,E	0.69	1.35 ug/Kg		RDL,G,E		0.745	ug/Kg ug/Kg			0.47		ug/Kg ug/Kg	4	G,E	0.72		ug/Kg
4,4'-DDE 4,4'-DDT	1.37	<mdl,e< td=""><td>0.69</td><td>1.35 ug/Kg</td><td></td><td><mdl,g,e< td=""><td></td><td>0.745</td><td>ug/Kg ug/Kg</td><td></td><td><mdl.e< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td><u> </u></td><td><mdl.e< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl.e<></td></mdl.e<></td></mdl,g,e<></td></mdl,e<>	0.69	1.35 ug/Kg		<mdl,g,e< td=""><td></td><td>0.745</td><td>ug/Kg ug/Kg</td><td></td><td><mdl.e< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td><u> </u></td><td><mdl.e< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl.e<></td></mdl.e<></td></mdl,g,e<>		0.745	ug/Kg ug/Kg		<mdl.e< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td><u> </u></td><td><mdl.e< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl.e<></td></mdl.e<>	0.47		ug/Kg ug/Kg	<u> </u>	<mdl.e< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl.e<>	0.72		ug/Kg
Aldrin		<mdl,e< td=""><td>0.69</td><td>1.35 ug/Kg</td><td></td><td><mdl,e< td=""><td></td><td>0.745</td><td></td><td></td><td><mdl< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td>4———</td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,e<></td></mdl,e<>	0.69	1.35 ug/Kg		<mdl,e< td=""><td></td><td>0.745</td><td></td><td></td><td><mdl< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td>4———</td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl,e<>		0.745			<mdl< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td>4———</td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	0.47		ug/Kg ug/Kg	4———	<mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<>	0.72		ug/Kg
Alpha-BHC		<mdl< td=""><td>0.69</td><td></td><td></td><td><mdl< td=""><td></td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43 (</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69			<mdl< td=""><td></td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43 (</td><td></td></mdl<></td></mdl<></td></mdl<>		0.745	ug/Kg		<mdl< td=""><td>0.47</td><td></td><td>ug/Kg ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43 (</td><td></td></mdl<></td></mdl<>	0.47		ug/Kg ug/Kg		<mdl< td=""><td>0.72</td><td>1.43 (</td><td></td></mdl<>	0.72	1.43 (
Alpha-Dric		SIVIUL	0.09	1.35 ug/Kg	Щ	NIDL	0.38	0.745	ug/Ng	11	-WIDL	0.47	0.921	ug/Ng	1		0.72	1.43	uging

PROJECT: 423001	Locator:	DWMP-09	€		Ì	Locator:	DWMP-10	,			Locator:	DWMP-11			ı	Locator: I	DWMP-12			1
	Descrip:	DENNY V	VAY MONI	TORI		Descrip:	DENNY W	AY MONIT	ORI		Descrip:	DENNY WA	Y MONIT	ORI		Descrip: I	DENNY WA	Y MONI	rori	ľ
	Sampled:	Apr 10, 20	001			Sampled:	Apr 19, 20	01			Sampled:	Apr 10, 200	1		ļ	Sampled:	Apr 10, 200	11		}
	Lab ID:	L20541-9				Lab ID:	L20541-10)			Lab ID:	L20541-11			l	Lab ID:	L20541-12			1
	Matrix:	SALTWT	RSED			Matrix:	SALTWIR	₹SED			Matrix:	SALTWTRS	SED			Matrix:	SALTWTRS	SED		
	% Solids:	39.4				% Solids:	71.5				% Solids:	57.9				% Solids:	37.3			
Parameters	Value	Qual	MDL		Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual		RDL	Units
		-1	Dry Weight Ba	sis			-1	Dry Weight Ba	sis			- Di	y Weight Bas	iis			- Dr	y Weight Bas	sis	
COMBINED LABS						d					l.									
Aroclor 1016		<mdl< td=""><td>6.9</td><td>13.5</td><td></td><td></td><td><mdl< td=""><td></td><td></td><td>ug/Kg</td><td>13</td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.5			<mdl< td=""><td></td><td></td><td>ug/Kg</td><td>13</td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>			ug/Kg	13	<mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	4.7		ug/Kg		<mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<>	7.2		ug/Kg
Aroclor 1221		<mdl< td=""><td>6.9</td><td>13.5</td><td></td><td></td><td><mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.3</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.5			<mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.3</td><td></td></mdl<></td></mdl<></td></mdl<>	3.8		ug/Kg		<mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.3</td><td></td></mdl<></td></mdl<>	4.7		ug/Kg		<mdl< td=""><td>7.2</td><td>14.3</td><td></td></mdl<>	7.2	14.3	
Aroclor 1232		<mdl< td=""><td>6.9</td><td>13.5</td><td></td><td></td><td><mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.5			<mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	3.8		ug/Kg		<mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	4.7		ug/Kg		<mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<>	7.2		ug/Kg
Aroclor 1242		<mdl< td=""><td>6.9</td><td>13.5</td><td></td><td></td><td><mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.5			<mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	3.8		ug/Kg		<mdl< td=""><td>4.7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	4.7		ug/Kg		<mdl< td=""><td>7.2</td><td></td><td>ug/Kg</td></mdl<>	7.2		ug/Kg
Aroclor 1248	90.9		6.9	13,5				3.8		ug/Kg		•	4.7	9.21	ug/Kg	165		7.2		ug/Kg
Aroclor 1254	376		6.9	13.5				3.8		ug/Kg		3	4.7		ug/Kg	343		7.2		ug/Kg
Aroclor 1260	189) G	6.9	13.5	ug/Kg	24.3	G	3.8		ug/Kg		G	4.7	9.21	ug/Kg	240	G	7.2	14.3	ug/Kg
Beta-BHC		<mdl< td=""><td>0.69</td><td>1.35</td><td></td><td></td><td><mdl< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35			<mdl< td=""><td></td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>			ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<>	0.72	1.43	ug/Kg
Chlordane		<mdl< td=""><td>2.5</td><td>5.08</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>2.7</td><td>5.36</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	2.5	5.08	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>2.7</td><td>5.36</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>2.7</td><td>5.36</td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>2.7</td><td>5.36</td><td>ug/Kg</td></mdl<>	2.7	5.36	ug/Kg
Delta-BHC		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<>	0.72		ug/Kg
Dieldrin		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<>	0.72		ug/Kg
Endosulfan !		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td></td><td>ug/Kg</td></mdl<>	0.72		ug/Kg
Endosulfan II		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td></td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td></td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td>1.43</td><td></td></mdl<>	0.72	1.43	
Endosulfan Sulfate		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<>	0.72	1.43	ug/Kg
Endnn		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<>	0.72	1.43	ug/Kg
Endrin Aldehyde		<mdl,g< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.69	1.35	ug/Kg		<mdl,g< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.38	0.745	ug/Kg		<mdl,g< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.47	0.921	ug/Kg		<mdl,g< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl,g<>	0.72	1.43	ug/Kg
Gamma-BHC (Lindane)		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<>	0.72	1.43	ug/Kg
Heptachlor		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<>	0.72	1.43	ug/Kg
Heptachlor Epoxide		<mdl< td=""><td>0.69</td><td>1.35</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.69	1.35	ug/Kg		<mdl< td=""><td>0.38</td><td>0.745</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.38	0.745	ug/Kg		<mdl< td=""><td>0.47</td><td>0.921</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<></td></mdl<>	0.47	0.921	ug/Kg		<mdl< td=""><td>0.72</td><td>1.43</td><td>ug/Kg</td></mdl<>	0.72	1.43	ug/Kg
Methoxychlor		<mdl,e< td=""><td>3.3</td><td>6.78</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>1.8</td><td>3.73</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.2</td><td>4.61</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>3.5</td><td>7.16</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<></td></mdl,e<>	3.3	6.78	ug/Kg		<mdl,e< td=""><td>1.8</td><td>3.73</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.2</td><td>4.61</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>3.5</td><td>7.16</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>	1.8	3.73	ug/Kg		<mdl,e< td=""><td>2.2</td><td>4.61</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>3.5</td><td>7.16</td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	2.2	4.61	ug/Kg		<mdl,e< td=""><td>3.5</td><td>7.16</td><td>ug/Kg</td></mdl,e<>	3.5	7.16	ug/Kg
Toxaphene		<mdl< td=""><td>6.9</td><td>13.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.8</td><td>7.45</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td>9.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.3</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	6.9	13.5	ug/Kg		<mdl< td=""><td>3.8</td><td>7.45</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>4.7</td><td>9.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.3</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	3.8	7.45	ug/Kg		<mdl< td=""><td>4.7</td><td>9.21</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.3</td><td>ug/Kg</td></mdl<></td></mdl<>	4.7	9.21	ug/Kg		<mdl< td=""><td>7.2</td><td>14.3</td><td>ug/Kg</td></mdl<>	7.2	14.3	ug/Kg
M=OR EPA 8260B (7-3-02-002)											1									
1,1,2-Trichloroethylene		<mdl< td=""><td>13</td><td>25.4</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td>14</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td>26.8</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13	25.4	ug/Kg		<mdl< td=""><td>7</td><td>14</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td>26.8</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	7	14	ug/Kg		<mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td>26.8</td><td>ug/Kg</td></mdl<></td></mdl<>	8.6	17.3	ug/Kg		<mdl< td=""><td>13</td><td>26.8</td><td>ug/Kg</td></mdl<>	13	26.8	ug/Kg
Ethylbenzene		<mdl< td=""><td>13</td><td>25.4</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td>14</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13	25.4	ug/Kg		<mdl< td=""><td>7</td><td>14</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	7	14	ug/Kg		<mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	8.6	17.3	ug/Kg		<mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<>	13		ug/Kg
Tetrachloroethylene		<mdl< td=""><td>13</td><td>25.4</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13	25.4	ug/Kg		<mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	7		ug/Kg		<mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	8.6	17.3	ug/Kg		<mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<>	13		ug/Kg
Total Xylenes		<mdl< td=""><td>13</td><td>25.4</td><td></td><td></td><td><mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	13	25.4			<mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	7		ug/Kg		<mdl< td=""><td>8.6</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	8.6		ug/Kg		<mdl< td=""><td>13</td><td></td><td>ug/Kg</td></mdl<>	13		ug/Kg
* Not converted to dry weight basis for																				
this parameter						1					[]									ļ
						,,,									,					'

Locator: DWMP-13 Locator: DWMP-14 Locator: DWMP-15 Locator: DWMP-12 PROJECT: 423001 Descrip: DENNY WAY MONITORI Descrip: DENNY WAY MONITORI Descrip: DENNY WAY MONITORI **DENNY WAY MONITORI** Sampled: Apr 10, 2001 Sampled: Apr 19, 2001 Sampled: Apr 10, 2001 Sampled: Apr 10, 2001 L20541-14 Lab ID: L20541-15 L20541-16 Lab ID: L20541-13 Lab ID: Lab ID: Matrix: SALTWTRSED SALTWTRSED Matrix: SALTWTRSED Matrix: SALTWTRSED Matrix: % Solids: 24.4 % Solids: 81.2 % Solids: 54 % Solids: 52.9 Qual MDL RDL Units Value MDL RDL Units **Parameters** Value MDL RDL Units Value Qual MDL RDL Units Value Qual - Dry Weight Basis - Dry Weight Basis - Dry Weight Basis - Dry Weight Basis COMBINED LABS M=CV ASTM D422 21 0.1 % 0.1 % 12.5 0.1 % 17.7 0.1 % Clay * 1.3 % Gravel 1.9 0.1 % 40.1 Ε 0.1 % 0.4 0.1 % 1.6 0.1 % 2 0.1 3.2 0.1 % p+0.00 * 12.2 0.1 % 7.1 0.1 % 0.1 3.9 0.1 % p+1.00 * 3.4 0.1 % 8.2 0.1 % 2.7 % 2.7 p+10.0 * 2.2 0.1 % 0.1 0.1 % 0.1 % 4 0.1 % 13.1 0.1 % 0.85 0.1 % 6.4 0.1 % 8.6 0.1 % p+10.0(more than) * 0.1 % 19 0.1 % 7.1 0.1 % 8.1 0.1 % p+2.00 1.9 2.9 % 19.2 % 12.2 0.1 % 12.5 0.1 % p+3.00 * 0.1 0.1 4.7 % 0.1 % 20 0.1 % 12.3 0.1 % 0.1 3.6 p+4.00 * p+5.00 7 0.1 % 0.52 0.1 % 19.6 0.1 % 17 0.1 % 0.22 0 1 11.4 0.1 % 9.9 0.1 % p+6.00 18.2 0.1 % % 0.1 7.8 % 17 0.1 % 0.39 0.1 % 7.2 % 0.1 p+7.00 % % 0.23 0.1 % 4.9 0.1 % 6.1 0.1 p+8.00 ° 9.7 0.1 % 0.1 3.3 0.1 % 5 0.1 % 5.7 0.36 % p+9.00 0.1 0.1 % 0.1 % 0.4 0.1 % 1.6 0.1 % p-1.00 * 1.9 14.8 p-2.00 <MDL 0.1 % 25.3 0.1 % <MDL 0.1 % <MDL 0.1 % <MDL % <MDL 0.1 % <MDL 0.1 % <MDL 0.1 % p-2.00(less than) * 0.1 25.2 0.1 % 57.2 0.1 % 44 0.1 % 40 0.1 % Sand * % 43.2 0.1 40.8 0.1 % 51.9 % 0.1 % Silt * 0.1 1.4 M=CV EPA9060-PSEP96 (03-04-002-001) Total Organic Carbon 53300 2000 4100 mg/Kg 3350 620 1230 mg/Kg 24300 930 1850 mg/Kg 17100 950 1890 mg/Kg M=CV SM2540-G (03-01-007-001) 24.4 0.005 0.01 % 81.2 0.005 0.01 % 0.005 0.01 52.9 0.005 0.01 % Total Solids Total Volatile Solids 14.2 0.0205 0.041 % 1.38 0.00616 0.0123 % 6.17 0.00926 0.0185 % 5.22 0.00945 0.0189 % M=CV SM4500-NH3-G (03-03-004-001) 4.34 1 2.05 mg/Kg 3.19 0.31 0.616 mg/Kg 3.22 0.926 mg/Kg 2.4 0.47 0.945 mg/Kg 0.46 Ammonia Nitrogen M=CV SM4500S2-D, EPA376.2 24.6 18 17.6 mg/Kg 111 G 9.36 mg/Kg 79.6 mg/Kg 1.7 mg/Kg Total Sulfide 115 M=ES NONE 1263053 1263320 1263226 ft Sampcoordx1 1263045 ft 1263382 1263224 1263040 Sampcoordx2 1263041 ft ft ft ft Sampcoordx3 1263411 ft 1263055 ft 228954 229635 ft 229553 229449 ft Sampcoordy1 * ft ft 228941 ft 229594 ft 229561 ft 229462 ft Sampcoordy2 229539 ft 229440 ft Sampcoordy3 13 21 Sample Depth 29 m m m m 1500 Sample Start Time 1350 hr hr 1600 hr 1520 hr Sediment Sampling Depth * 16 cm 8 cm 12 cm 15 cm 0-2 cm 0-2 cm 0-2 cm none 0-2 cm Sediment Sampling Range ' none none none 32\$31 23N40 none 23N40 20N40 none Sediment Type none none

)	•					ì	•						
PROJECT: 423001	i i	DWMP-12 DENNY WAY MONITORI Apr 10, 2001		÷	DWMP-13 DENNY WAY MONITORI Apr 19, 2001	MITORI	<u> </u>	Locator: DWMP-14 Descrip: DENNY WAY MONITORI Sampled: Apr 10, 2001	AY MONITO	ıRı	👸	DWMP-15 DENNY WAY MONITORI Apr 10, 2001	MONITO	<u>r</u>	
	Matrix: SALTWTR % Solids: 24.4	LZU341-13 SALTWTRSED 24.4	7 2 7	LZ0341-14 Matrix: SALTWTR % Solids: 81.2	LZUS41-14 SALTWTRSED 81.2		3 2 8	Lab ID. L2034 1-13 Matrix: SALTWTRSED % Solids: 54	SED		Matrix: 8 % Solids: 5	SALTWTRSED 52.9	Ω		
Parameters	Value Qual	MDL Dry Weight Ba	RDL Units	Value Qual	al MDL - Dry Weight Basis	RDL t Basis	Units	Value Qual	MDL I	RDL Units	Value	Qual - Dry	MDL - Dry Weight Basis	RDL	Units
COMBINED LABS	C														
Tidal Condition	n c		none				none			none				2 4	none
lide Height	0	11 97 161	F	20			= -	2		=				1	-
Mercily Total CVAA	0.41 <rdi< td=""><td>0.082</td><td>0 803 mg/Kg</td><td>0.052 <rdi< td=""><td>0 0 0 0 0 0 0 0 5</td><td></td><td>0.243 mg/Kg</td><td>0.657</td><td>0.037</td><td>0.367 ma/Ka</td><td>0.524</td><td></td><td>0.036</td><td>0.367 ma/Ka</td><td>ķ</td></rdi<></td></rdi<>	0.082	0 803 mg/Kg	0.052 <rdi< td=""><td>0 0 0 0 0 0 0 0 5</td><td></td><td>0.243 mg/Kg</td><td>0.657</td><td>0.037</td><td>0.367 ma/Ka</td><td>0.524</td><td></td><td>0.036</td><td>0.367 ma/Ka</td><td>ķ</td></rdi<>	0 0 0 0 0 0 0 0 5		0.243 mg/Kg	0.657	0.037	0.367 ma/Ka	0.524		0.036	0.367 ma/Ka	ķ
M=MT EPA3050A/6010B (06-02-004-002)			200			1	2						1		?
Antimony, Total, ICP	S'MDI'B	6.1	31.4 mg/Kg	<mdl,g< td=""><td></td><td>1.8 9.36</td><td>mg/Kg</td><td>3 <rdl,g< td=""><td>2.8</td><td>14.1 mg/Kg</td><td></td><td><mdl,g< td=""><td>2.8</td><td>13.7 mg/</td><td>mg/Kg</td></mdl,g<></td></rdl,g<></td></mdl,g<>		1.8 9.36	mg/Kg	3 <rdl,g< td=""><td>2.8</td><td>14.1 mg/Kg</td><td></td><td><mdl,g< td=""><td>2.8</td><td>13.7 mg/</td><td>mg/Kg</td></mdl,g<></td></rdl,g<>	2.8	14.1 mg/Kg		<mdl,g< td=""><td>2.8</td><td>13.7 mg/</td><td>mg/Kg</td></mdl,g<>	2.8	13.7 mg/	mg/Kg
Arsenic, Total, ICP	15 <rdl< td=""><td>11</td><td>52.5 mg/Kg</td><td>√WDL</td><td></td><td>3.1 15.6</td><td>mg/Kg</td><td>9.4 <rdl< td=""><td>4.6</td><td>23.5 mg/Kg</td><td></td><td><rdl< td=""><td>4.5</td><td>22.9 mg/Kg</td><td>γKg</td></rdl<></td></rdl<></td></rdl<>	11	52.5 mg/Kg	√WDL		3.1 15.6	mg/Kg	9.4 <rdl< td=""><td>4.6</td><td>23.5 mg/Kg</td><td></td><td><rdl< td=""><td>4.5</td><td>22.9 mg/Kg</td><td>γKg</td></rdl<></td></rdl<>	4.6	23.5 mg/Kg		<rdl< td=""><td>4.5</td><td>22.9 mg/Kg</td><td>γKg</td></rdl<>	4.5	22.9 mg/Kg	γKg
Cadmium, Total, ICP	-WDL,L	0.61	3.14 mg/Kg	<mdl,i< td=""><td></td><td>0.18 0.936</td><td>mg/Kg</td><td>0.74 <rdl,l< td=""><td>0.28</td><td>1.41 mg/Kg</td><td>0.62</td><td><rdl,l< td=""><td>0.28</td><td>1.37 mg/Kg</td><td>χ</td></rdl,l<></td></rdl,l<></td></mdl,i<>		0.18 0.936	mg/Kg	0.74 <rdl,l< td=""><td>0.28</td><td>1.41 mg/Kg</td><td>0.62</td><td><rdl,l< td=""><td>0.28</td><td>1.37 mg/Kg</td><td>χ</td></rdl,l<></td></rdl,l<>	0.28	1.41 mg/Kg	0.62	<rdl,l< td=""><td>0.28</td><td>1.37 mg/Kg</td><td>χ</td></rdl,l<>	0.28	1.37 mg/Kg	χ
Chromium, Total, ICP	50.8	1.1	5.25 mg/Kg	17	O	0.31 1.56	mg/Kg	47.8	0.46	2.35 mg/Kg	52.2		0.45	2.29 mg/Kg	J/Kg
Copper, Total, ICP	49.2	0.82	4.18 mg/Kg	19	0	0.25 1.24	mg/Kg	63.3	0.37	1.89 mg/Kg	58.4		0.36	1.83 mg/Kg	y/Kg
Lead, Total, ICP	46.3	6.1	31.4 mg/Kg	13.7		1.8 9.36	9.36 mg/Kg	90.2	2.8	14.1 mg/Kg	73.2		2.8	13.7 mg	mg/Kg
Nickel, Total, ICP	52	4.1	20.9 mg/Kg	20.7		1.2 6.24	6.24 mg/Kg	41.5	1.9	9.44 mg/Kg			1.8	9.15 mg/Kg	/Kg
Silver, Total, ICP	0.86 <rdl< td=""><td>0.86</td><td>4.22 mg/Kg</td><td>0.33 <rdl< td=""><td></td><td>0.25 1.24</td><td>mg/Kg</td><td>4.11</td><td>0.35</td><td>1.8 mg/Kg</td><td></td><td></td><td>0.38</td><td>1.84 mg</td><td>mg/Kg</td></rdl<></td></rdl<>	0.86	4.22 mg/Kg	0.33 <rdl< td=""><td></td><td>0.25 1.24</td><td>mg/Kg</td><td>4.11</td><td>0.35</td><td>1.8 mg/Kg</td><td></td><td></td><td>0.38</td><td>1.84 mg</td><td>mg/Kg</td></rdl<>		0.25 1.24	mg/Kg	4.11	0.35	1.8 mg/Kg			0.38	1.84 mg	mg/Kg
Zinc, Total, ICP	88.5	1.1	5.25 mg/Kg	35	0	0.31 1.56	mg/Kg	106	0.46	2.35 mg/Kg	107		0.45	2.29 mg	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)															
1,2,4-Trichlorobenzene	<mdl,g< td=""><td>1.1</td><td>2.17 ug/Kg</td><td><mdl,g< td=""><td></td><td>- 1</td><td>s ug/Kg</td><td><mdl,g< td=""><td>0.48</td><td></td><td></td><td><mdl,g< td=""><td>0.49</td><td>1 ug</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.1	2.17 ug/Kg	<mdl,g< td=""><td></td><td>- 1</td><td>s ug/Kg</td><td><mdl,g< td=""><td>0.48</td><td></td><td></td><td><mdl,g< td=""><td>0.49</td><td>1 ug</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>		- 1	s ug/Kg	<mdl,g< td=""><td>0.48</td><td></td><td></td><td><mdl,g< td=""><td>0.49</td><td>1 ug</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.48			<mdl,g< td=""><td>0.49</td><td>1 ug</td><td>ug/Kg</td></mdl,g<>	0.49	1 ug	ug/Kg
1,2-Dichlorobenzene	<mdl,g< td=""><td>1.1</td><td>2.17 ug/Kg</td><td><mdl,g< td=""><td></td><td>٦</td><td>3 ug/Kg</td><td><mdl,g< td=""><td>0.48</td><td>- 1</td><td></td><td><mdl,g< td=""><td>0.49</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.1	2.17 ug/Kg	<mdl,g< td=""><td></td><td>٦</td><td>3 ug/Kg</td><td><mdl,g< td=""><td>0.48</td><td>- 1</td><td></td><td><mdl,g< td=""><td>0.49</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>		٦	3 ug/Kg	<mdl,g< td=""><td>0.48</td><td>- 1</td><td></td><td><mdl,g< td=""><td>0.49</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.48	- 1		<mdl,g< td=""><td>0.49</td><td></td><td>ug/Kg</td></mdl,g<>	0.49		ug/Kg
1,2-Diphenylhydrazine	VWDI >	4	82 ug/Kg	-WDI	İ			<mdl< td=""><td>19</td><td></td><td></td><td>-WDI_</td><td>19</td><td>37.8 ug/</td><td>ug/Kg</td></mdl<>	19			-WDI_	19	37.8 ug/	ug/Kg
1,3-Dichlorobenzene	×WDL,X	1.1	2.17 ug/Kg	<mdl,x< td=""><td></td><td>0.32 0.653</td><td>3 ug/Kg</td><td><mdl,x< td=""><td>0.48</td><td>0.981 ug/Kg</td><td></td><td><mdl,x< td=""><td>0.49</td><td>1 ug/</td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>		0.32 0.653	3 ug/Kg	<mdl,x< td=""><td>0.48</td><td>0.981 ug/Kg</td><td></td><td><mdl,x< td=""><td>0.49</td><td>1 ug/</td><td>ug/Kg</td></mdl,x<></td></mdl,x<>	0.48	0.981 ug/Kg		<mdl,x< td=""><td>0.49</td><td>1 ug/</td><td>ug/Kg</td></mdl,x<>	0.49	1 ug/	ug/Kg
1,4-Dichlorobenzene	<mdl,g< td=""><td>0.53</td><td>1.08 ug/Kg</td><td><mdl,g< td=""><td></td><td>0.16 0.325</td><td></td><td><mdl,g< td=""><td>0.24</td><td>0.489 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.25</td><td>0.499 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.53	1.08 ug/Kg	<mdl,g< td=""><td></td><td>0.16 0.325</td><td></td><td><mdl,g< td=""><td>0.24</td><td>0.489 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.25</td><td>0.499 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>		0.16 0.325		<mdl,g< td=""><td>0.24</td><td>0.489 ug/Kg</td><td></td><td><mdl,g< td=""><td>0.25</td><td>0.499 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.24	0.489 ug/Kg		<mdl,g< td=""><td>0.25</td><td>0.499 ug/</td><td>ug/Kg</td></mdl,g<>	0.25	0.499 ug/	ug/Kg
2,4,5-Trichlorophenol	<mdl,g< td=""><td>49</td><td></td><td><mdl,g< td=""><td>L,G</td><td>7</td><td>ug/Kg</td><td><mdl,g< td=""><td>22</td><td></td><td></td><td><mdl,g< td=""><td>23</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	49		<mdl,g< td=""><td>L,G</td><td>7</td><td>ug/Kg</td><td><mdl,g< td=""><td>22</td><td></td><td></td><td><mdl,g< td=""><td>23</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	L,G	7	ug/Kg	<mdl,g< td=""><td>22</td><td></td><td></td><td><mdl,g< td=""><td>23</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	22			<mdl,g< td=""><td>23</td><td></td><td>ug/Kg</td></mdl,g<>	23		ug/Kg
2,4,6-Trichlorophenol	<mdl,g< td=""><td>53</td><td>107 ug/Kg</td><td>√WD</td><td>L,G</td><td>İ</td><td>g/Kg</td><td><mdl,g< td=""><td>24</td><td></td><td></td><td><mdl,g< td=""><td>52</td><td>49.1 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	53	107 ug/Kg	√WD	L,G	İ	g/Kg	<mdl,g< td=""><td>24</td><td></td><td></td><td><mdl,g< td=""><td>52</td><td>49.1 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	24			<mdl,g< td=""><td>52</td><td>49.1 ug/</td><td>ug/Kg</td></mdl,g<>	52	49.1 ug/	ug/Kg
2,4-Dichlorophenol	<mdl,g< td=""><td>99</td><td>131 ug/Kg</td><td><mdl,g< td=""><td></td><td></td><td>ug/Kg</td><td><mdl,g< td=""><td>30</td><td></td><td></td><td><mdl,g< td=""><td>30</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	99	131 ug/Kg	<mdl,g< td=""><td></td><td></td><td>ug/Kg</td><td><mdl,g< td=""><td>30</td><td></td><td></td><td><mdl,g< td=""><td>30</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>			ug/Kg	<mdl,g< td=""><td>30</td><td></td><td></td><td><mdl,g< td=""><td>30</td><td></td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	30			<mdl,g< td=""><td>30</td><td></td><td>ug/Kg</td></mdl,g<>	30		ug/Kg
2,4-Dimethylphenol	<mdl,g< td=""><td>29</td><td>57.4 ug/Kg</td><td><mdl,g< td=""><td></td><td></td><td>2 ug/Kg</td><td><mdl,g< td=""><td>13</td><td></td><td></td><td><mdl,g< td=""><td>13</td><td>26.5 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	29	57.4 ug/Kg	<mdl,g< td=""><td></td><td></td><td>2 ug/Kg</td><td><mdl,g< td=""><td>13</td><td></td><td></td><td><mdl,g< td=""><td>13</td><td>26.5 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>			2 ug/Kg	<mdl,g< td=""><td>13</td><td></td><td></td><td><mdl,g< td=""><td>13</td><td>26.5 ug/</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	13			<mdl,g< td=""><td>13</td><td>26.5 ug/</td><td>ug/Kg</td></mdl,g<>	13	26.5 ug/	ug/Kg
2,4-Dinitrotoluene	-WDL,L	12	24.6 ug/Kg	-(MDL,L		-	ug/Kg	<mdl,l< td=""><td>5.6</td><td></td><td></td><td><mdl,l< td=""><td>5.7</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<>	5.6			<mdl,l< td=""><td>5.7</td><td></td><td>ug/Kg</td></mdl,l<>	5.7		ug/Kg
2,6-Dinitrotoluene	<mdl,l< td=""><td></td><td>82 ug/Kg</td><td><mdl,l< td=""><td> - -</td><td>12 24.6</td><td>ug/Kg</td><td><mdl,l< td=""><td>19</td><td></td><td></td><td><mdl,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<></td></mdl,l<>		82 ug/Kg	<mdl,l< td=""><td> - -</td><td>12 24.6</td><td>ug/Kg</td><td><mdl,l< td=""><td>19</td><td></td><td></td><td><mdl,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	 - -	12 24.6	ug/Kg	<mdl,l< td=""><td>19</td><td></td><td></td><td><mdl,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,l<></td></mdl,l<>	19			<mdl,l< td=""><td>19</td><td></td><td>ug/Kg</td></mdl,l<>	19		ug/Kg
2-Chloronaphthalene	<mdl< td=""><td>99</td><td>131 ug/Kg</td><td>NDI/</td><td></td><td>- 1</td><td>ng/Kg</td><td><wdl< td=""><td>္က</td><td>59.3 ug/Kg</td><td></td><td><mdl <<="" td=""><td>8</td><td></td><td>ug/Kg</td></mdl></td></wdl<></td></mdl<>	99	131 ug/Kg	NDI/		- 1	ng/Kg	<wdl< td=""><td>္က</td><td>59.3 ug/Kg</td><td></td><td><mdl <<="" td=""><td>8</td><td></td><td>ug/Kg</td></mdl></td></wdl<>	္က	59.3 ug/Kg		<mdl <<="" td=""><td>8</td><td></td><td>ug/Kg</td></mdl>	8		ug/Kg
2-Chlorophenol	S/NDIL'G	33	65.6 ug/Kg	S/MDL,G		9.9 19.7		S/MDL,G	15	29.6 ug/Kg		<mdl,g< td=""><td>15</td><td>30.2 ug</td><td>ug/Kg</td></mdl,g<>	15	30.2 ug	ug/Kg
2-Methylnaphthalene	- AMDIL	70 70	115 ug/Kg	SWDL WDL		1/ 34.5	ug/Kg	- AMDL	26	51.9 ug/Kg		WDL VIII)	92	52.9 ug	ug/Kg
z-metnyipmenoi	S I GIA		By/Sn oci	S'MDL'G	ם כ	40.0	D N	S. C. C.	3 8	70.4 ug/Ng		S O	8 8		5V/50
Z-Nitrophenol	AMDL, C	20/2	123 ug/kg	SMDL,	ם בונפ		ng/kg	S'MDL',G	5 5	55.5 UG/Kg		AMDL, G	87		g/kg
4-bromopheriyi Piteliyi Etilel	ZWD.	53	107 ug/kg	- WDI	, -		SV/S	- IMDI	2	33.3 ug/Kg		JON JON	25		6 y/6
4 Methylphonol	C IOM			O IOM	,	20 20 20 20 20 20 20 20 20 20 20 20 20 2	2//01	O IOW	5 5			JON/	3 8		2 2
A	, IMDE,	8 8	131 ug/Ng	Olar.			52/50	WDE, O	3 5	39.3 ug/kg		VINIOL, G	3 5		5 (S)
Acenaphinene		67		- INION				1	2 8	23.9 ug/ng		יאטר	2 8		DV (fin
Acenaphthylene	-WDI		123 ug/Kg	JGW>	7		ng/Kg	35 <rdl< td=""><td>28</td><td>55.6 ug/Kg</td><td>32</td><td><rdl< td=""><td>78</td><td></td><td>ug/Kg</td></rdl<></td></rdl<>	28	55.6 ug/Kg	32	<rdl< td=""><td>78</td><td></td><td>ug/Kg</td></rdl<>	78		ug/Kg
Aniline	₹	78	156 ug/Kg	₹ V			3 ug/Kg	₹	35			<mdl,x< td=""><td>98</td><td></td><td>ug/Kg</td></mdl,x<>	98		ug/Kg
Anthracene		16	32.8 ug/Kg	_					7.4	- 1		ა :	7.6	15.1 ug	ug/Kg
Benzo(a)anthracene	26.6 X	8.2	16.4 ug/Kg	4			3 ug/Kg	43 X	3.7	- 1	38.4	×	89 1		ug/Kg
Benzo(a)pyrene	7	72	24.6 ug/Kg	6.7 KRDL,X		3.7 7.39	ng/kg	7	9 6	- 1		<mdl,x< td=""><td>0.</td><td>11.3 ug</td><td>ug/Kg</td></mdl,x<>	0.	11.3 ug	ug/Kg
benzo(b)nuoranmene	23.0 A,L	7	24.0 ug/ng	ς'			ll ng/kgll	40.1 A,L	2	04/5n	43.7),L	5	- 1	ng/kg

Data Management and Analysis Section Comprehensive Report #10083a

10/31/01 - preconstruction monitoring comp report - revised

Page 14 of 20

COMBINED LABS	OL Units
Benzo(Q,h.)perylene	
Benzo(k)fluoranthene	
Benzyl Alcohol	0.2 ug/Kg
Benzyl Alcohol	1.3 ug/Kg
Benzyl Butyl Phthalate	2.7 ug/Kg
Sis(2-Chloroethoxy)Methane	2.7 ug/Kg
Bis(2-Chloroethyl)Ether	2.7 ug/Kg 34.3 ug/Kg
Bis(2-Chloroisopropyl)Ether	6.7 ug/Kg
Bis(2-Ethylhexyl)Phthalate 2350 G 27 57.4 ug/Kg 181 G 8.3 17.2 ug/Kg 1490 G 12 25.9 ug/Kg 1430 G 13 Caffeine MDL 25 49.2 ug/Kg MDL 7.4 14.8 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL 11 22.2 ug/Kg MDL	6.7 ug/Kg
Caffeine	6.5 ug/Kg
Carbazole	22.7 ug/Kg
Chrysene <mdl,x,l< th=""> 16 32.8 ug/Kg 16.6 X,L 4.9 9.85 ug/Kg 29.6 X,L 7.4 14.8 ug/Kg 28.2 X,L 7.6 Coprostanol <mdl,x< td=""> 57 115 ug/Kg <mdl,x< td=""> 17 34.5 ug/Kg <mdl,x< td=""> 26 51.9 ug/Kg <mdl,x< td=""> 26 Dibenzo(a,h)anthracene <mdl,g,l< td=""> 29 57.4 ug/Kg <mdl,g,l< td=""> 13 25.9 ug/Kg <mdl,x< td=""> 26 Dibenzo(a,h)anthracene <mdl< td=""> 57 115 ug/Kg <mdl< td=""> 8.6 17.2 ug/Kg <mdl,c,l< td=""> 13 25.9 ug/Kg <mdl,x< td=""> 26 Dibenzofuran <mdl< td=""> 25 49.2 ug/Kg <mdl< td=""> 17 34.5 ug/Kg <mdl< td=""> 26 51.9 ug/Kg <mdl,x< td=""> 26 51.9 ug/Kg <mdl,x< td=""> 26 51.9 ug/Kg <mdl,x< td=""> 26 51.9 ug/Kg <mdl,x< td=""> 26</mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl<></mdl<></mdl<></mdl,x<></mdl,c,l<></mdl<></mdl<></mdl,x<></mdl,g,l<></mdl,g,l<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x,l<>	6.5 ug/Kg
Coprostanol	15.1 ug/Kg
Dibenzo(a,h)anthracene	2.9 ug/Kg
Dibenzofuran	6.5 ug/Kg
Diethyl Phthalate	2.9 ug/Kg
Dimethyl Phthalate	22.7 ug/Kg
Di-N-Butyl Phthalate 99.6 B,L 20 41 ug/Kg 56.8 B,L 6.2 12.3 ug/Kg 85.4 B,L 9.3 18.5 ug/Kg 82.4 B,L 9.5 Di-N-Octyl Phthalate <mdl,l< td=""> 33 65.6 ug/Kg <mdl,l< td=""> 9.9 19.7 ug/Kg <mdl,l< td=""> 15 29.6 ug/Kg <mdl,l< td=""> 15 Fluorenthene <mdl,x< td=""> 33 65.6 ug/Kg 25.5 X 9.9 19.7 ug/Kg 94.3 X 15 29.6 ug/Kg 77.5 X 15 Fluorene <mdl,x< td=""> 31 10.7 ug/Kg 40.6 16 32 ug/Kg 50.6 24 48.1 ug/Kg 26 <rdl< td=""> 25 Hexachlorobenzene <mdl,g< td=""> 2.7 5.45 ug/Kg <mdl,g< td=""> 0.81 1.64 ug/Kg <mdl,g< td=""> 1.2 2.46 ug/Kg <mdl,g< td=""> 1.2 Hexachlorobutadiene <mdl,x< td=""> <t< td=""><td>11.6 ug/Kg</td></t<></mdl,x<></mdl,g<></mdl,g<></mdl,g<></mdl,g<></rdl<></mdl,x<></mdl,x<></mdl,l<></mdl,l<></mdl,l<></mdl,l<>	11.6 ug/Kg
Fluoranthene	18.9 ug/Kg
Fluorene	30.2 ug/Kg
Hexachlorobenzene <mdl,g< th=""> 2.7 5.45 ug/Kg <mdl,g< th=""> 0.81 1.64 ug/Kg <mdl,g< th=""> 1.2 2.46 ug/Kg <mdl,g< th=""> 1.2 Hexachlorobutadiene <mdl,g< td=""> 3.1 6.15 ug/Kg <mdl,g< td=""> 0.92 1.85 ug/Kg <mdl,g< td=""> 1.4 2.78 ug/Kg <mdl,g< td=""> 1.4 Hexachloroethane <mdl,x< td=""> 61 123 ug/Kg <mdl,x< td=""> 18 36.9 ug/Kg <mdl,x< td=""> 28 55.6 ug/Kg <mdl,x< td=""> 28 Indeno(1,2,3-Cd)Pyrene <mdl,x< td=""> 37 73.8 ug/Kg <mdl,x< td=""> 11 22.2 ug/Kg <mdl,x< td=""> 17 33.3 ug/Kg <mdl,x< td=""> 17 Isophorone <mdl< td=""> 78 156 ug/Kg <mdl< td=""> 23 46.8 ug/Kg <mdl< td=""> 35 70.4 ug/Kg <mdl< td=""> 36</mdl<></mdl<></mdl<></mdl<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,g<></mdl,g<></mdl,g<></mdl,g<></mdl,g<></mdl,g<></mdl,g<></mdl,g<>	30.2 ug/Kg
Hexachlorobutadiene <mdl,g< th=""> 3.1 6.15 ug/Kg <mdl,g< th=""> 0.92 1.85 ug/Kg <mdl,g< th=""> 1.4 2.78 ug/Kg <mdl,g< th=""> 1.4 Hexachloroethane <mdl,x< td=""> 61 123 ug/Kg <mdl,x< td=""> 18 36.9 ug/Kg <mdl,x< td=""> 28 55.6 ug/Kg <mdl,x< td=""> 28 Indeno(1,2,3-Cd)Pyrene <mdl,x< td=""> 37 73.8 ug/Kg <mdl,x< td=""> 11 22.2 ug/Kg <mdl,x< td=""> 17 33.3 ug/Kg <mdl,x< td=""> 17 Isophorone <mdl< td=""> 78 156 ug/Kg <mdl< td=""> 23 46.8 ug/Kg <mdl< td=""> 35 70.4 ug/Kg <mdl< td=""> 36</mdl<></mdl<></mdl<></mdl<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,g<></mdl,g<></mdl,g<></mdl,g<>	19.1 ug/Kg
Hexachloroethane <mdl,x< th=""> 61 123 ug/Kg <mdl,x< th=""> 18 36.9 ug/Kg <mdl,x< th=""> 28 55.6 ug/Kg <mdl,x< th=""> 28 Indeno(1,2,3-Cd)Pyrene <mdl,x< td=""> 37 73.8 ug/Kg <mdl,x< td=""> 11 22.2 ug/Kg <mdl,x< td=""> 17 33.3 ug/Kg <mdl,x< td=""> 17 Isophorone <mdl< td=""> 78 156 ug/Kg <mdl< td=""> 23 46.8 ug/Kg <mdl< td=""> 35 70.4 ug/Kg <mdl< td=""> 36</mdl<></mdl<></mdl<></mdl<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<></mdl,x<>	2.51 ug/Kg
Indeno(1,2,3-Cd)Pyrene < MDL,X 37 73.8 ug/Kg < MDL,X 11 22.2 ug/Kg < MDL,X 17 33.3 ug/Kg < MDL,X 17 Isophorone < MDL	2.84 ug/Kg
Isophorone <mdl 156="" 23="" 35="" 36<="" 46.8="" 70.4="" 78="" <mdl="" kg="" td="" ug=""><td>6.7 ug/Kg</td></mdl>	6.7 ug/Kg
	34 ug/Kg
Naphthalene	71.8 ug/Kg
	52.9 ug/Kg
Nitrobenzene <mdl,g 131="" 20="" 30="" 30<="" 39.4="" 59.3="" 66="" <mdl,g="" kg="" td="" ug=""><td>30.5 ug/Kg</td></mdl,g>	30.5 ug/Kg
N-Nitrosodimethylamine	75.6 ug/Kg
N-Nitrosodi-N-Propylamine	34 ug/Kg
	75.6 ug/Kg
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	18.9 ug/Kg
	15.1 ug/Kg
Phenol <mdl,g< th=""> 37 73.8 ug/Kg <mdl,g< th=""> 11 22.2 ug/Kg <mdl,g< th=""> 17 33.3 ug/Kg <mdl,g< th=""> 17 Pyrene <mdl,x,g< td=""> 16 32.8 ug/Kg <mdl,x,g< td=""> 4.9 9.85 ug/Kg 15 X,G 7.4 14.8 ug/Kg 12 <rdl,x,g< td=""> 7.6</rdl,x,g<></mdl,x,g<></mdl,x,g<></mdl,g<></mdl,g<></mdl,g<></mdl,g<>	34 ug/Kg 15.1 ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)	15.1 ug/Kg
4,4'-DDD 5.08 E 1.1 2.18 ug/Kg 0.974 E 0.33 0.656 ug/Kg 20 E 0.5 0.987 ug/Kg 13.6 E 0.51	1.01 ug/Kg
4,4-DDE 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.01 ug/Kg
4,4-DDT	1.01 ug/Kg
Aldrin	1.01 ug/Kg
Alpha-BHC	1.01 ug/Kg

PROJECT: 423001	Descrip: Sampled:	DWMP-12 DENNY W Apr 10, 20 L20541-13 SALTWTF 24.4	/AY MON 01 3	ITORI		Descrip: Sampled:	Apr 19, 200 L20541-14 SALTWTR	AY MONITO	ORI	!	Descrip: Sampled: Lab ID:	DWMP-14 DENNY WA Apr 10, 200 L20541-15 SALTWTR 54)1	ORI		Descrip: Sampled: Lab ID:	Apr 10, 20 L20541-16 SALTWTF	/AY MONITO 01 5	ORI	
Parameters	Value	Qual - r	MDL Ory Weight B		Units	Value	Qual -	MDL Dry Weight Bas	RDL	Units	Value	Qual - 0	MDL Bry Weight Basi	RDL	Units	Value	Qual -	MDL Dry Weight Bas	RDL	Units
COMBINED LABS																		, ,		i i
Aroclor 1016		<mdl< td=""><td>11</td><td>21.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	11	21.8	ug/Kg		<mdl< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	3.3	6.56	ug/Kg		<mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl<></td></mdl<>	5	9.87	ug/Kg		<mdl< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl<>	5.1	10.1	ug/Kg
Aroclor 1221		<mdl< td=""><td>11</td><td>21.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	11	21.8	ug/Kg		<mdl< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	3.3	6.56	ug/Kg	1	<mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	5	9.87	ug/Kg		<mdl< td=""><td>5.1</td><td></td><td>ug/Kg</td></mdl<>	5.1		ug/Kg
Aroclor 1232		<mdl< td=""><td>11</td><td>21.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>5</td><td>9.87</td><td></td><td></td><td><mdl< td=""><td>5.1</td><td>******</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	11	21.8	ug/Kg		<mdl< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>5</td><td>9.87</td><td></td><td></td><td><mdl< td=""><td>5.1</td><td>******</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	3.3	6.56	ug/Kg	1	<mdl< td=""><td>5</td><td>9.87</td><td></td><td></td><td><mdl< td=""><td>5.1</td><td>******</td><td>ug/Kg</td></mdl<></td></mdl<>	5	9.87			<mdl< td=""><td>5.1</td><td>******</td><td>ug/Kg</td></mdl<>	5.1	******	ug/Kg
Aroclor 1242		<mdl< td=""><td>11</td><td>21.8</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.3</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td></td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	11	21.8	ug/Kg		<mdl< td=""><td>3.3</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td></td><td></td></mdl<></td></mdl<></td></mdl<>	3.3		ug/Kg		<mdl< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>5.1</td><td></td><td></td></mdl<></td></mdl<>	5	9.87	ug/Kg		<mdl< td=""><td>5.1</td><td></td><td></td></mdl<>	5.1		
Aroclor 1248	57.8		11	21.8	ug/Kg	6.9		3.3	6.56	ug/Kg	133		5	9.87	ug/Kg	125		5.1	10.1	ug/Kg
Aroclor 1254	123		11	21.8	ug/Kg	16.7		3.3	6.56	ug/Kg	307		5	9.87	ug/Kg	285		5.1	****	
Aroclor 1260	111	G	11	21.8	ug/Kg		<mdl,g< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td>193</td><td>G</td><td>5</td><td>9.87</td><td>ug/Kg</td><td>191</td><td>G</td><td>5.1</td><td>10.1</td><td></td></mdl,g<>	3.3	6.56	ug/Kg	193	G	5	9.87	ug/Kg	191	G	5.1	10.1	
Beta-BHC		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<>	0.51	1.01	
Chlordane		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>1.9</td><td>3.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>1.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>1.9</td><td>3.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>1.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg	1	<mdl< td=""><td>1.9</td><td>3.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>1.9</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	1.9	3.7	ug/Kg		<mdl< td=""><td>1.9</td><td></td><td>ug/Kg</td></mdl<>	1.9		ug/Kg
Delta-BHC		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg	1	<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg	1	<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td></td><td>ug/Kg</td></mdl<>	0.51		ug/Kg
Dieldrin		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<>	0.5	0.987	ug/Kg	1	<mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<>	0.51	1.01	ug/Kg
Endosulfan I		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.51</td><td></td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.51</td><td></td><td></td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg	1	<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>0.51</td><td></td><td></td></mdl<></td></mdl<>	0.5	0.987	ug/Kg	1	<mdl< td=""><td>0.51</td><td></td><td></td></mdl<>	0.51		
Endosulfan II		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<>	0.51	1.01	ug/Kg
Endosulfan Sulfate		<mdl< td=""><td>1,1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1,1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<>	0.51	1.01	
Endrin		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td>1.01</td><td></td></mdl<>	0.51	1.01	
Endrin Aldehyde		<mdl,g< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.1	2.18	ug/Kg		<mdl,g< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.33	0.656	ug/Kg		<mdl,g< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.5	0.987	ug/Kg		<mdl,g< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl,g<>	0.51	1.01	ug/Kg
Gamma-BHC (Lindane)		<mdl< td=""><td>1.1</td><td>2.18</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1	2.18	ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<>	0.51	1.01	ug/Kg
Heptachlor		<mdl< td=""><td>1.1</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1		ug/Kg		<mdl< td=""><td>0.33</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.33		ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<>	0.51	1.01	ug/Kg
Heptachlor Epoxide		<mdl< td=""><td>1.1</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	1.1		ug/Kg		<mdl< td=""><td>0.33</td><td>0.656</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.33	0.656	ug/Kg		<mdl< td=""><td>0.5</td><td>0.987</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<></td></mdl<>	0.5	0.987	ug/Kg		<mdl< td=""><td>0.51</td><td>1.01</td><td>ug/Kg</td></mdl<>	0.51	1.01	ug/Kg
Methoxychlor		<mdl,e< td=""><td>5.3</td><td></td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>1.6</td><td>3.29</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.4</td><td>4.94</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.5</td><td>5.05</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<></td></mdl,e<>	5.3		ug/Kg		<mdl,e< td=""><td>1.6</td><td>3.29</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.4</td><td>4.94</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.5</td><td>5.05</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>	1.6	3.29	ug/Kg		<mdl,e< td=""><td>2.4</td><td>4.94</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>2.5</td><td>5.05</td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	2.4	4.94	ug/Kg		<mdl,e< td=""><td>2.5</td><td>5.05</td><td>ug/Kg</td></mdl,e<>	2.5	5.05	ug/Kg
Toxaphene		<mdl< td=""><td>11</td><td>21.8</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<></td></mdl<>	11	21.8	ug/Kg		<mdl,e< td=""><td>3.3</td><td>6.56</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>	3.3	6.56	ug/Kg		<mdl,e< td=""><td>5</td><td>9.87</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	5	9.87	ug/Kg		<mdl,e< td=""><td>5.1</td><td>10.1</td><td>ug/Kg</td></mdl,e<>	5.1	10.1	ug/Kg
M=OR EPA 8260B (7-3-02-002)																			***************************************	
1,1,2-Trichloroethylene		<mdl< td=""><td>20</td><td>41</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	20	41	ug/Kg		<mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	6.2	12.3	ug/Kg		<mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<></td></mdl<>	9.3	18.5	ug/Kg		<mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<>	9.5	18.9	ug/Kg
Ethylbenzene		<mdl< td=""><td>20</td><td>41</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	20	41	ug/Kg		<mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	6.2	12.3	ug/Kg		<mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<></td></mdl<>	9.3	18.5	ug/Kg		<mdl< td=""><td>9.5</td><td>18.9</td><td>ug/Kg</td></mdl<>	9.5	18.9	ug/Kg
Tetrachloroethylene		<mdl< td=""><td>20</td><td>41</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	20	41	ug/Kg		<mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	6.2	12.3	ug/Kg		<mdl< td=""><td>9.3</td><td>18.5</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	9.3	18.5	ug/Kg		<mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<>	9.5		ug/Kg
Total Xylenes		<mdl< td=""><td>20</td><td>41</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	20	41	ug/Kg		<mdl< td=""><td>6.2</td><td>12.3</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.3</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	6.2	12.3	ug/Kg		<mdl< td=""><td>9.3</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<></td></mdl<>	9.3		ug/Kg		<mdl< td=""><td>9.5</td><td></td><td>ug/Kg</td></mdl<>	9.5		ug/Kg
Not converted to dry weight basis for										··								*****		
this parameter																				
																••				"

Locator: DWMP-16 PROJECT: 423001

Descrip: DENNY WAY MONITORI

Sampled: Apr 10, 2001 Lab ID: L20541-17 Matrix: SALTWTRSED IlLocator: DWMP-BREF1

Descrip: DENNY WAY MONITORI

Sampled: Apr 19, 2001 Lab ID: L20541-18 Matrix: SALTWTRSED ILocator: DWMP-BREF1

Descrip: DENNY WAY MONITOR! Sampled: Apr 19, 2001

Lab ID: L20541-19 Matrix: SALTWTRSED

	% Solids: 4	7.4				% Solids: 7	71.8				% Solids: 6	59.5			
Parameters	Value	Qual - Dry	MDL Weight Bas	RDL	Units	Value	Qual - D	MDL Ory Weight Basi	RDL	Units	Value	Qual .	MDL Dry Weight Ba	RDL sis	Units
COMBINED LABS															ľ
M=CV ASTM D422															i
Clay *	20.6		0.1		%	4.6		0.1		%	5.3		0.1		%
Gravel *	16.3		0.1		%	12.5	E	0.1		%	5.4	E	0.1		%
p+0.00 *	6.9		0.1		%	2.8		0.1		%	2.2		0.1		%
ρ+1.00 *	6		0.1		%	6.6		0.1		%	6.2		0.1		%
p+10.0 *	4.7		0.1		%	0.97		0.1		%	1.2		0.1		%
p+10.0(more than) *	8.9		0.1		%	2.4		0.1		%	2.7		0.1		%
p+2.00 *	7		0.1		%	24.2	,	0.1		%	24.2		0.1		%
p+3.00 *	7.4		0,1		%	22.7		0.1		%	27.4		0.1		%
p+4.00 *	6.9		0.1		%	10.6		0.1		%	14.1		0.1		%
p+5.00 *	8.6		0,1		%	9.3		0.1		%	9.2		0.1		%
p+6.00 *	8.6		0.1		%	3.4		0.1		%	2.9		0.1		%
p+7.00 *	5.8		0.1		%	2		0.1		%	1.7		0.1		%
p+8.00 *	5.9		0.1		%	1.3		0.1		%	1.2		0.1		%
p+9.00 *	7		0.1		%	1.2		0.1		%	1.4		0.1		%
p-1.00 *	9.8		0.1		%	4.2		0.1		%	4		0.1		%
p-2.00 *	6.6		0.1		%	8.3		0.1		%	1.4		0.1		%
p-2.00(less than) *		<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td><td></td><td><mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<></td></mdl<>	0.1		%		<mdl< td=""><td>0.1</td><td></td><td>%</td></mdl<>	0.1		%
Sand *	34.1		0.1		-%	66.9		0.1		%	74.2		0.1		- %
Silt *	28.9		0.1		%	16		0.1		%	15.1		0.1		%
M=CV EPA9060-PSEP96 (03-04-002-001)															
Total Organic Carbon	17000		1100	2110	mg/Kg	8640		700	1390	mg/Kg	10100		720	1440	mg/Kg
M=CV SM2540-G (03-01-007-001)															
Total Solids *	47.4		0.005	0.01	%	71.8		0.005	0.01	%	69.5		0.005	0.01	%
Total Volatile Solids	5.82		0.0105	0.0211	%	2.55		0.00696	0.0139	%	2.55		0.00719	0.0144	%
M=CV SM4500-NH3-G (03-03-004-001)															
Ammonia Nitrogen	2.13		0.53	1.05	mg/Kg	1.6		0.35	0.696	mg/Kg	1.73		0.36	0.719	mg/Kg
M=CV SM4500S2-D, EPA376.2															
Total Sulfide	4,43		2	2.03	mg/Kg		<mdl,g< td=""><td>2.6</td><td>2,65</td><td>mg/Kg</td><td>]</td><td><mdl,g< td=""><td>2.2</td><td>2.16</td><td>mg/Kg</td></mdl,g<></td></mdl,g<>	2.6	2,65	mg/Kg]	<mdl,g< td=""><td>2.2</td><td>2.16</td><td>mg/Kg</td></mdl,g<>	2.2	2.16	mg/Kg
M=ES NONE						1050151					1050150				
Sampcoordx1 *	1262981				ft	1259451 1259461				ft	1259458		 		ft
Sampcoordx2 *	1262964				ft					ft	1259465				ft
Sampcoordx3 *	200047				-	1259458				ft	040004				
Sampcoordy1 *	229347				ft	218625				ft	218631				-ft
Sampcoordy2 *	229356				ft	218629				ft	218641				ft
Sampcoordy3 *						218631				ft					
Sample Depth *	24				m	28				m	28				m
Sample Start Time *	1430				hr	1143				hr	1220				hr
Sediment Sampling Depth *	14				cm	6				cm				····	cm
Sediment Sampling Range *	0-2 cm				none	0-2 cm					0-2 cm				none
Sediment Type	23N40			.,	none	32530			_	none	32S40				none

		•		•		y Liiv	•							-	
PROJECT: 423001		DWMP-16				Locator:					Locator:	DWMP-BR			
	•	DENNY WA		TORI				VAY MONITO	DRI		Descrip:	DENNY W		JRI	
		Apr 10, 200	1				Apr 19, 20				11 ,	Apr 19, 200	01		
		L20541-17				II .	L20541-18				Lab ID:	L20541-19	050		
		SALTWTRS	SED			II .	SALTWTF	RSED			Matrix:	SALTWTR	SED		
	% Solids:	47.4			•	% Solids:	/1.8				% Solids:	69.5			
Parameters	Value	Qual - Dr	MDL y Weight Ba	RDL sis	Units	Value	Qual	MDL Dry Weight Bas		Units	Value	Qual -	MDL Dry Weight Ba	RDL sis	Units
COMBINED LABS											H				
Tidal Condition	F				none	F				none	F				none
Tide Height *	0.5				ft	5.5				ft	6				ft
M=MT EPA 245.5 (06-01-004-003)															
Mercury, Total, CVAA	0.34	<rdl< td=""><td>0.042</td><td>0.414</td><td>mg/Kg</td><td>0.543</td><td></td><td>0.026</td><td>0.269</td><td>ng/Kg</td><td>0.358</td><td></td><td>0.027</td><td>0.279</td><td>mg/Kg</td></rdl<>	0.042	0.414	mg/Kg	0.543		0.026	0.269	ng/Kg	0.358		0.027	0.279	mg/Kg
M=MT EPA3050A/6010B (06-02-004-002)					****										
Antimony, Total, ICP		<mdl,g< td=""><td>3.2</td><td>15.9</td><td>mg/Kg</td><td></td><td><mdl,g< td=""><td>2.1</td><td>10.5</td><td>mg/Kg</td><td></td><td><mdl,g< td=""><td>2.2</td><td></td><td>mg/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	3.2	15.9	mg/Kg		<mdl,g< td=""><td>2.1</td><td>10.5</td><td>mg/Kg</td><td></td><td><mdl,g< td=""><td>2.2</td><td></td><td>mg/Kg</td></mdl,g<></td></mdl,g<>	2.1	10.5	mg/Kg		<mdl,g< td=""><td>2.2</td><td></td><td>mg/Kg</td></mdl,g<>	2.2		mg/Kg
Arsenic, Total, ICP	12	<rdl< td=""><td>5.3</td><td>26.4</td><td>mg/Kg</td><td>6.5</td><td><rdl< td=""><td>3.5</td><td>17.5</td><td>ng/Kg</td><td>8.2</td><td><rdl< td=""><td>3.6</td><td></td><td>mg/Kg</td></rdl<></td></rdl<></td></rdl<>	5.3	26.4	mg/Kg	6.5	<rdl< td=""><td>3.5</td><td>17.5</td><td>ng/Kg</td><td>8.2</td><td><rdl< td=""><td>3.6</td><td></td><td>mg/Kg</td></rdl<></td></rdl<>	3.5	17.5	ng/Kg	8.2	<rdl< td=""><td>3.6</td><td></td><td>mg/Kg</td></rdl<>	3.6		mg/Kg
Cadmium, Total, ICP		<mdl,l< td=""><td>0.32</td><td></td><td>mg/Kg</td><td></td><td><mdl,l< td=""><td>0.21</td><td>1.05</td><td></td><td></td><td><mdl,l< td=""><td>0.22</td><td></td><td>mg/Kg</td></mdl,l<></td></mdl,l<></td></mdl,l<>	0.32		mg/Kg		<mdl,l< td=""><td>0.21</td><td>1.05</td><td></td><td></td><td><mdl,l< td=""><td>0.22</td><td></td><td>mg/Kg</td></mdl,l<></td></mdl,l<>	0.21	1.05			<mdl,l< td=""><td>0.22</td><td></td><td>mg/Kg</td></mdl,l<>	0.22		mg/Kg
Chromium, Total, JCP	62.2		0.53	2.64	mg/Kg	29.9		0.35	1.75	mg/Kg	26		0.36		mg/Kg
Copper, Total, ICP	52.3		0.42	2.11	mg/Kg	30.1		0.28	1.41	mg/Kg	31.5	i	0.29	1.42	mg/Kg
Lead, Total, ICP	42.6	.,	3.2	15.9	mg/Kg	29		2.1	10.5	mg/Kg	31.5		2.2	10.6	mg/Kg
Nickel, Total, ICP	65.2		2.1		mg/Kg			1.4	7.02			,	1.4	7.09	mg/Kg
Silver, Total, ICP	1.2	<rdl< td=""><td>0.42</td><td>2.15</td><td>mg/Kg</td><td></td><td><mdl< td=""><td>0.29</td><td>1.43</td><td></td><td></td><td><mdl< td=""><td>0,29</td><td>1.45</td><td>mg/Kg</td></mdl<></td></mdl<></td></rdl<>	0.42	2.15	mg/Kg		<mdl< td=""><td>0.29</td><td>1.43</td><td></td><td></td><td><mdl< td=""><td>0,29</td><td>1.45</td><td>mg/Kg</td></mdl<></td></mdl<>	0.29	1.43			<mdl< td=""><td>0,29</td><td>1.45</td><td>mg/Kg</td></mdl<>	0,29	1.45	mg/Kg
Zinc, Total, ICP	101		0.53	2.64	mg/Kg	50.1		0.35	1.75	mg/Kg	52.4		0.36	1.77	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)						1					1				
1,2,4-Trichlorobenzene		<mdl,g< td=""><td>0.55</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.36</td><td>0.738</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.55	1.12	ug/Kg		<mdl,g< td=""><td>0.36</td><td>0.738</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.36	0.738	ug/Kg		<mdl,g< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,g<>	0.37	0.763	ug/Kg
1,2-Dichlorobenzene		<mdl,g< td=""><td>0.55</td><td></td><td></td><td></td><td><mdl,g< td=""><td>0.36</td><td>0.738</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.55				<mdl,g< td=""><td>0.36</td><td>0.738</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.36	0.738	ug/Kg		<mdl,g< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,g<>	0.37	0.763	ug/Kg
1,2-Diphenylhydrazine		<mdl< td=""><td>21</td><td></td><td>ug/Ko</td><td></td><td><mdl< td=""><td>14</td><td>27.9</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>14</td><td>28.8</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	21		ug/Ko		<mdl< td=""><td>14</td><td>27.9</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>14</td><td>28.8</td><td>ug/Kg</td></mdl<></td></mdl<>	14	27.9	ug/Kg		<mdl< td=""><td>14</td><td>28.8</td><td>ug/Kg</td></mdl<>	14	28.8	ug/Kg
1,3-Dichlorobenzene		<mdl,x< td=""><td>0.55</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>0.36</td><td>0.738</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,x<></td></mdl,x<></td></mdl,x<>	0.55		ug/Kg		<mdl,x< td=""><td>0.36</td><td>0.738</td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,x<></td></mdl,x<>	0.36	0.738	ug/Kg		<mdl,x< td=""><td>0.37</td><td>0.763</td><td>ug/Kg</td></mdl,x<>	0.37	0.763	ug/Kg
1.4-Dichlorobenzene		<mdl,g< td=""><td>0.27</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.18</td><td>0.368</td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>0.19</td><td>0.38</td><td>ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl,g<>	0.27		ug/Kg		<mdl,g< td=""><td>0.18</td><td>0.368</td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>0.19</td><td>0.38</td><td>ug/Kg</td></mdl,g<></td></mdl,g<>	0.18	0.368	ug/Kg	1	<mdl,g< td=""><td>0.19</td><td>0.38</td><td>ug/Kg</td></mdl,g<>	0.19	0.38	ug/Kg
2,4,5-Trichlorophenol		<mdl< td=""><td>25</td><td></td><td></td><td></td><td><mdl< td=""><td>17</td><td>33.4</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>17</td><td>34.5</td><td></td></mdl<></td></mdl<></td></mdl<>	25				<mdl< td=""><td>17</td><td>33.4</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>17</td><td>34.5</td><td></td></mdl<></td></mdl<>	17	33.4	ug/Kg		<mdl< td=""><td>17</td><td>34.5</td><td></td></mdl<>	17	34.5	
2,4,6-Trichlorophenol		<mdl< td=""><td>27</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>18</td><td>36.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>19</td><td>37.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	27		ug/Kg		<mdl< td=""><td>18</td><td>36.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>19</td><td>37.4</td><td>ug/Kg</td></mdl<></td></mdl<>	18	36.2	ug/Kg		<mdl< td=""><td>19</td><td>37.4</td><td>ug/Kg</td></mdl<>	19	37.4	ug/Kg
2,4-Dichlorophenol		<mdl< td=""><td>34</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>22</td><td>44.6</td><td></td><td></td><td><mdl< td=""><td>23</td><td>46</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	34		ug/Kg		<mdl< td=""><td>22</td><td>44.6</td><td></td><td></td><td><mdl< td=""><td>23</td><td>46</td><td>ug/Kg</td></mdl<></td></mdl<>	22	44.6			<mdl< td=""><td>23</td><td>46</td><td>ug/Kg</td></mdl<>	23	46	ug/Kg
2,4-Dimethylphenol		<mdl< td=""><td>15</td><td></td><td></td><td></td><td><mdl< td=""><td>9.7</td><td>19.5</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>10</td><td>20.1</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	15				<mdl< td=""><td>9.7</td><td>19.5</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>10</td><td>20.1</td><td>ug/Kg</td></mdl<></td></mdl<>	9.7	19.5	ug/Kg	1	<mdl< td=""><td>10</td><td>20.1</td><td>ug/Kg</td></mdl<>	10	20.1	ug/Kg
2,4-Dinitrotoluene		<mdl.l< td=""><td>6.3</td><td>12.7</td><td>ug/K</td><td></td><td><mdl,l< td=""><td>4.2</td><td>8.36</td><td></td><td></td><td><mdl,l< td=""><td>4.3</td><td>8.63</td><td></td></mdl,l<></td></mdl,l<></td></mdl.l<>	6.3	12.7	ug/K		<mdl,l< td=""><td>4.2</td><td>8.36</td><td></td><td></td><td><mdl,l< td=""><td>4.3</td><td>8.63</td><td></td></mdl,l<></td></mdl,l<>	4.2	8.36			<mdl,l< td=""><td>4.3</td><td>8.63</td><td></td></mdl,l<>	4.3	8.63	
2,6-Dinitrotoluene		<mdl,l< td=""><td>21</td><td>42.2</td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>. 14</td><td>27.9</td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>14</td><td>28.8</td><td></td></mdl,l<></td></mdl,l<></td></mdl,l<>	21	42.2	ug/Kg		<mdl,l< td=""><td>. 14</td><td>27.9</td><td>ug/Kg</td><td></td><td><mdl,l< td=""><td>14</td><td>28.8</td><td></td></mdl,l<></td></mdl,l<>	. 14	27.9	ug/Kg		<mdl,l< td=""><td>14</td><td>28.8</td><td></td></mdl,l<>	14	28.8	
2-Chloronaphthalene	,	<mdl< td=""><td>34</td><td></td><td>ug/K</td><td></td><td><mdl< td=""><td>22</td><td>44.6</td><td></td><td></td><td><mdl< td=""><td>23</td><td>46</td><td></td></mdl<></td></mdl<></td></mdl<>	34		ug/K		<mdl< td=""><td>22</td><td>44.6</td><td></td><td></td><td><mdl< td=""><td>23</td><td>46</td><td></td></mdl<></td></mdl<>	22	44.6			<mdl< td=""><td>23</td><td>46</td><td></td></mdl<>	23	46	
2-Chiorophenol		<mdl.g< td=""><td>17</td><td>33.8</td><td></td><td></td><td><mdl,g< td=""><td>3 11</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>12</td><td>23</td><td>3 ug/Kg</td></mdl,g<></td></mdl,g<></td></mdl.g<>	17	33.8			<mdl,g< td=""><td>3 11</td><td></td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>12</td><td>23</td><td>3 ug/Kg</td></mdl,g<></td></mdl,g<>	3 11		ug/Kg		<mdl,g< td=""><td>12</td><td>23</td><td>3 ug/Kg</td></mdl,g<>	12	23	3 ug/Kg
2-Methylnaphthalene		<mdl< td=""><td>30</td><td>59.1</td><td></td><td></td><td><mdl< td=""><td>19</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>20</td><td>40.3</td><td>3 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	30	59.1			<mdl< td=""><td>19</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>20</td><td>40.3</td><td>3 ug/Kg</td></mdl<></td></mdl<>	19		ug/Kg		<mdl< td=""><td>20</td><td>40.3</td><td>3 ug/Kg</td></mdl<>	20	40.3	3 ug/Kg
2-Methylphenol		<mdl< td=""><td>40</td><td></td><td>ug/K</td><td></td><td><mdl< td=""><td>26</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>27</td><td>54.7</td><td></td></mdl<></td></mdl<></td></mdl<>	40		ug/K		<mdl< td=""><td>26</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>27</td><td>54.7</td><td></td></mdl<></td></mdl<>	26		ug/Kg		<mdl< td=""><td>27</td><td>54.7</td><td></td></mdl<>	27	54.7	
2-Nitrophenol		<mdl< td=""><td>32</td><td></td><td>ug/K</td><td></td><td><mdl< td=""><td>21</td><td>41.8</td><td></td><td></td><td><mdl< td=""><td>22</td><td>43.7</td><td>2 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	32		ug/K		<mdl< td=""><td>21</td><td>41.8</td><td></td><td></td><td><mdl< td=""><td>22</td><td>43.7</td><td>2 ug/Kg</td></mdl<></td></mdl<>	21	41.8			<mdl< td=""><td>22</td><td>43.7</td><td>2 ug/Kg</td></mdl<>	22	43.7	2 ug/Kg
4-Bromophenyl Phenyl Ether		<mdl< td=""><td>19</td><td></td><td>ug/K</td><td></td><td><mdl< td=""><td>13</td><td>25.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td></td></mdl<></td></mdl<></td></mdl<>	19		ug/K		<mdl< td=""><td>13</td><td>25.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td></td><td></td></mdl<></td></mdl<>	13	25.1	ug/Kg		<mdl< td=""><td>13</td><td></td><td></td></mdl<>	13		
4-Chlorophenyl Phenyl Ether	· · · · · · · · · · · · · · · · · · ·	<mdl< td=""><td>27</td><td>54.9</td><td></td><td></td><td><mdl< td=""><td>18</td><td>36.2</td><td>ug/Kg</td><td>]</td><td><mdl< td=""><td>19</td><td>37.4</td><td>4 ug/Kg</td></mdl<></td></mdl<></td></mdl<>	27	54.9			<mdl< td=""><td>18</td><td>36.2</td><td>ug/Kg</td><td>]</td><td><mdl< td=""><td>19</td><td>37.4</td><td>4 ug/Kg</td></mdl<></td></mdl<>	18	36.2	ug/Kg]	<mdl< td=""><td>19</td><td>37.4</td><td>4 ug/Kg</td></mdl<>	19	37.4	4 ug/Kg
4-Methylphenol	· · · · · · · · · · · · · · · · · · ·	<mdl< td=""><td>34</td><td>67.5</td><td></td><td></td><td><mdl< td=""><td>22</td><td></td><td>ug/Ko</td><td>4</td><td><mdl< td=""><td>23</td><td>46</td><td></td></mdl<></td></mdl<></td></mdl<>	34	67.5			<mdl< td=""><td>22</td><td></td><td>ug/Ko</td><td>4</td><td><mdl< td=""><td>23</td><td>46</td><td></td></mdl<></td></mdl<>	22		ug/Ko	4	<mdl< td=""><td>23</td><td>46</td><td></td></mdl<>	23	46	
Acenaphthene	15	<rdl< td=""><td>15</td><td>29.5</td><td></td><td></td><td><mdl< td=""><td>9.7</td><td></td><td>ug/Kg</td><td></td><td><rdl< td=""><td>10</td><td>20.1</td><td></td></rdl<></td></mdl<></td></rdl<>	15	29.5			<mdl< td=""><td>9.7</td><td></td><td>ug/Kg</td><td></td><td><rdl< td=""><td>10</td><td>20.1</td><td></td></rdl<></td></mdl<>	9.7		ug/Kg		<rdl< td=""><td>10</td><td>20.1</td><td></td></rdl<>	10	20.1	
Acenaphthylene	<u></u>	<mdl< td=""><td>32</td><td></td><td>ug/K</td><td></td><td><mdl< td=""><td>21</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>22</td><td>43.2</td><td></td></mdl<></td></mdl<></td></mdl<>	32		ug/K		<mdl< td=""><td>21</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>22</td><td>43.2</td><td></td></mdl<></td></mdl<>	21		ug/Kg		<mdl< td=""><td>22</td><td>43.2</td><td></td></mdl<>	22	43.2	
Aniline		<mdl,x< td=""><td>40</td><td></td><td>ug/K</td><td></td><td><mdl,x< td=""><td>(26</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>27</td><td>54.7</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<>	40		ug/K		<mdl,x< td=""><td>(26</td><td></td><td>ug/Kg</td><td></td><td><mdl,x< td=""><td>27</td><td>54.7</td><td></td></mdl,x<></td></mdl,x<>	(26		ug/Kg		<mdl,x< td=""><td>27</td><td>54.7</td><td></td></mdl,x<>	27	54.7	
Anthracene	87.6	G	8.4		ug/K			5.6	11.1	ug/Kg			5.8	11.5	
Benzo(a)anthracene	163	X	4.2		ug/K			2.8	5.57	ug/Kg	<u> </u>		2.9	5.76	
Benzo(a)pyrene	22.4	X	6.3	12.7				4.2	8.36	ug/Kg	<u> </u>		4.3	8.63	
Benzo(b)fluoranthene	215	X,L	6.3	12.7		~		4.2		ug/K			4.3		

PROJECT: 423001	Descrip: Sampled: Lab ID:	DWMP-16 DENNY WAY Apr 10, 2001 L20541-17 SALTWTRS: 47.4		ORI		Descrip: Sampled: Lab ID:	DWMP-BRI DENNY WA Apr 19, 200 L20541-18 SALTWTR: 71.8	AY MONITO	ORI		Descrip:	DWMP-BR DENNY W. Apr 19, 200 L20541-19 SALTWTR 69.5	AY MONITO	ORI	
Parameters	Value	Qual - Dry	MDL Weight Bas	RDL	Units	Value	Qual - C	MDL Ory Weight Bas	RDL sis	Units	Value	Qual - I	MDL Dry Weight Bas	RDL sis	Units
COMBINED LABS		AMDLY O	47			74.0	v 0	4.4				v 0			
Benzo(g,h,i)perylene	444	<mdl,x,g< td=""><td>17</td><td>33.8</td><td>ug/Kg</td><td>71.2</td><td>X,G</td><td>11</td><td>22.3</td><td>ug/Kg</td><td>80.9</td><td>X,G</td><td>12</td><td></td><td>ug/Kg</td></mdl,x,g<>	17	33.8	ug/Kg	71.2	X,G	11	22.3	ug/Kg	80.9	X,G	12		ug/Kg
Benzo(k)fluoranthene	111	G,L	6.3	12.7	ug/Kg	79.7	G,L	4.2	8.36	ug/Kg	102	G,L	4.3	8.63	
Benzoic Acid	173	AMOL V	13	25.3	ug/Kg	174	4401 V	8.4	16.7	ug/Kg	210	-1451 V	8.6	17.3	
Benzyl Alcohol	32.1	<mdl,x< td=""><td>13</td><td>25.3</td><td>ug/Kg</td><td>15</td><td><mdl,x< td=""><td>8.4</td><td>16.7</td><td>ug/Kg</td><td> </td><td><mdl,x< td=""><td>8.6</td><td>17.3</td><td></td></mdl,x<></td></mdl,x<></td></mdl,x<>	13	25.3	ug/Kg	15	<mdl,x< td=""><td>8.4</td><td>16.7</td><td>ug/Kg</td><td> </td><td><mdl,x< td=""><td>8.6</td><td>17.3</td><td></td></mdl,x<></td></mdl,x<>	8.4	16.7	ug/Kg	 	<mdl,x< td=""><td>8.6</td><td>17.3</td><td></td></mdl,x<>	8.6	17.3	
Benzyl Butyl Phthalate	32.1	L <mdl< td=""><td>36</td><td>25.3 71.7</td><td>ug/Kg</td><td>15</td><td><rdl,l <mdl< td=""><td>8.4</td><td>16.7</td><td>ug/Kg</td><td> </td><td><mdl,l< td=""><td>8.6</td><td>17.3</td><td></td></mdl,l<></td></mdl<></rdl,l </td></mdl<>	36	25.3 71.7	ug/Kg	15	<rdl,l <mdl< td=""><td>8.4</td><td>16.7</td><td>ug/Kg</td><td> </td><td><mdl,l< td=""><td>8.6</td><td>17.3</td><td></td></mdl,l<></td></mdl<></rdl,l 	8.4	16.7	ug/Kg	 	<mdl,l< td=""><td>8.6</td><td>17.3</td><td></td></mdl,l<>	8.6	17.3	
Bis(2-Chloroethoxy)Methane		<mdl,g< td=""><td></td><td></td><td>ug/Kg</td><td> </td><td></td><td>24</td><td></td><td>ug/Kg</td><td>ļ</td><td></td><td>24</td><td>48.9</td><td></td></mdl,g<>			ug/Kg	 		24		ug/Kg	ļ		24	48.9	
Bis(2-Chloroethyl)Ether		<mdl,g< td=""><td>32 32</td><td>63.3 63.3</td><td>ug/Kg</td><td>(⊢</td><td><mdl,g< td=""><td>21</td><td>41.8</td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td>22</td><td>43.2</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	32 32	63.3 63.3	ug/Kg	(⊢	<mdl,g< td=""><td>21</td><td>41.8</td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td>22</td><td>43.2</td><td></td></mdl,g<></td></mdl,g<>	21	41.8	ug/Kg	 	<mdl,g< td=""><td>22</td><td>43.2</td><td></td></mdl,g<>	22	43.2	
Bis(2-Chloroisopropyl)Ether	354	G			ug/Kg	57.8	G	21		ug/Kg		<mdl< td=""><td>22</td><td>43.2</td><td></td></mdl<>	22	43.2	
Bis(2-Ethylhexyl)Phthalate Caffeine	354	<mdl< td=""><td>13</td><td>29.5 25.3</td><td>ug/Kg</td><td>57.8</td><td><mdl< td=""><td>9.3</td><td></td><td>ug/Kg</td><td>37</td><td>G <mdl< td=""><td>9.6</td><td>20.1</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	13	29.5 25.3	ug/Kg	57.8	<mdl< td=""><td>9.3</td><td></td><td>ug/Kg</td><td>37</td><td>G <mdl< td=""><td>9.6</td><td>20.1</td><td>ug/Kg</td></mdl<></td></mdl<>	9.3		ug/Kg	37	G <mdl< td=""><td>9.6</td><td>20.1</td><td>ug/Kg</td></mdl<>	9.6	20.1	ug/Kg
Carbazole	19	<rdl< td=""><td>15</td><td>29.5</td><td>ug/Kg ug/Kg</td><td>13</td><td><rdl< td=""><td>9.7</td><td>16.7 19.5</td><td>ug/Kg ug/Kg</td><td>14</td><td><rdl< td=""><td>8.6 10</td><td>17.3 20.1</td><td></td></rdl<></td></rdl<></td></rdl<>	15	29.5	ug/Kg ug/Kg	13	<rdl< td=""><td>9.7</td><td>16.7 19.5</td><td>ug/Kg ug/Kg</td><td>14</td><td><rdl< td=""><td>8.6 10</td><td>17.3 20.1</td><td></td></rdl<></td></rdl<>	9.7	16.7 19.5	ug/Kg ug/Kg	14	<rdl< td=""><td>8.6 10</td><td>17.3 20.1</td><td></td></rdl<>	8.6 10	17.3 20.1	
Chrysene	184	X,L	8.4	16.9	ug/Kg	167	X,L	5.6	11.1	ug/Kg ug/Kg	212	X.L	5.8	11.5	ug/Kg
Coprostanol	104		30	59.1	ug/Kg	107		19	39	ug/Kg	212	<mdl,x< td=""><td>20</td><td>40.3</td><td>ug/Kg</td></mdl,x<>	20	40.3	ug/Kg
Dibenzo(a,h)anthracene	16		15	29.5	ug/Kg	20.9	G.L	9.7		ug/Kg	29.1	G,L	10	20.1	ug/Kg
Dibenzofuran	10	<mdl< td=""><td>30</td><td>59.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>19</td><td></td><td>ug/Kg</td><td>29.1</td><td><mdl< td=""><td>20</td><td>40.3</td><td>ug/Kg ug/Kg</td></mdl<></td></mdl<></td></mdl<>	30	59.1	ug/Kg		<mdl< td=""><td>19</td><td></td><td>ug/Kg</td><td>29.1</td><td><mdl< td=""><td>20</td><td>40.3</td><td>ug/Kg ug/Kg</td></mdl<></td></mdl<>	19		ug/Kg	29.1	<mdl< td=""><td>20</td><td>40.3</td><td>ug/Kg ug/Kg</td></mdl<>	20	40.3	ug/Kg ug/Kg
Diethyl Phthalate		<mdl< td=""><td>13</td><td>25.3</td><td>ug/Kg</td><td>╟──</td><td><mdl< td=""><td>8.4</td><td>16.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	13	25.3	ug/Kg	╟──	<mdl< td=""><td>8.4</td><td>16.7</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td></mdl<></td></mdl<>	8.4	16.7	ug/Kg		<mdl< td=""><td>8.6</td><td>17.3</td><td>ug/Kg</td></mdl<>	8.6	17.3	ug/Kg
Dimethyl Phthalate		<mdl.l< td=""><td>23</td><td>46.4</td><td>ug/Kg</td><td> </td><td><mdl,l< td=""><td>15</td><td></td><td>ug/Kg</td><td>-</td><td><mdl,l< td=""><td>16</td><td>31.7</td><td>ug/Kg</td></mdl,l<></td></mdl,l<></td></mdl.l<>	23	46.4	ug/Kg	 	<mdl,l< td=""><td>15</td><td></td><td>ug/Kg</td><td>-</td><td><mdl,l< td=""><td>16</td><td>31.7</td><td>ug/Kg</td></mdl,l<></td></mdl,l<>	15		ug/Kg	-	<mdl,l< td=""><td>16</td><td>31.7</td><td>ug/Kg</td></mdl,l<>	16	31.7	ug/Kg
Di-N-Butyl Phthalate	78.7	B,L	11	21.1	ug/Kg	24	B,L	7	13.9		29.2		7.2	14.4	
Di-N-Octyl Phthalate	10.1	<mdl,l< td=""><td>17</td><td>33.8</td><td>ug/Kg</td><td> </td><td>-MDL.L</td><td>11</td><td>22.3</td><td>ug/Kg</td><td>23.2</td><td><mdl.l< td=""><td>12</td><td>23</td><td></td></mdl.l<></td></mdl,l<>	17	33.8	ug/Kg	 	-MDL.L	11	22.3	ug/Kg	23.2	<mdl.l< td=""><td>12</td><td>23</td><td></td></mdl.l<>	12	23	
Fluoranthene	312	X	17	33.8	ug/Kg	269	X	11	22.3	ug/Kg	388	X	12	23	
Fluorene		<mdl< td=""><td>27</td><td>54.9</td><td>ug/Kg</td><td> </td><td><mdl< td=""><td>18</td><td>36.2</td><td>ug/Kg</td><td>19</td><td></td><td>. 19</td><td>37.4</td><td></td></mdl<></td></mdl<>	27	54.9	ug/Kg	 	<mdl< td=""><td>18</td><td>36.2</td><td>ug/Kg</td><td>19</td><td></td><td>. 19</td><td>37.4</td><td></td></mdl<>	18	36.2	ug/Kg	19		. 19	37.4	
Hexachlorobenzene		<mdl,g< td=""><td>1.4</td><td>2.81</td><td>ug/Kg</td><td> </td><td><mdl,g< td=""><td>0.92</td><td></td><td>ug/Kg</td><td> </td><td><mdl.g< td=""><td>0.95</td><td>1.91</td><td>ug/Kg</td></mdl.g<></td></mdl,g<></td></mdl,g<>	1.4	2.81	ug/Kg	 	<mdl,g< td=""><td>0.92</td><td></td><td>ug/Kg</td><td> </td><td><mdl.g< td=""><td>0.95</td><td>1.91</td><td>ug/Kg</td></mdl.g<></td></mdl,g<>	0.92		ug/Kg	 	<mdl.g< td=""><td>0.95</td><td>1.91</td><td>ug/Kg</td></mdl.g<>	0.95	1.91	ug/Kg
Hexachlorobutadiene		<mdl,g< td=""><td>1.6</td><td>3.16</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>1</td><td>2.09</td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>1.1</td><td>2.16</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	1.6	3.16	ug/Kg		<mdl,g< td=""><td>1</td><td>2.09</td><td>ug/Kg</td><td>1</td><td><mdl,g< td=""><td>1.1</td><td>2.16</td><td></td></mdl,g<></td></mdl,g<>	1	2.09	ug/Kg	1	<mdl,g< td=""><td>1.1</td><td>2.16</td><td></td></mdl,g<>	1.1	2.16	
Hexachloroethane		<mdl,x< td=""><td>32</td><td>63.3</td><td>ug/Kg</td><td>1</td><td><mdl td="" x<=""><td>21</td><td></td><td>ug/Kg</td><td>╂───</td><td><mdl,x< td=""><td>22</td><td>43.2</td><td></td></mdl,x<></td></mdl></td></mdl,x<>	32	63.3	ug/Kg	1	<mdl td="" x<=""><td>21</td><td></td><td>ug/Kg</td><td>╂───</td><td><mdl,x< td=""><td>22</td><td>43.2</td><td></td></mdl,x<></td></mdl>	21		ug/Kg	╂───	<mdl,x< td=""><td>22</td><td>43.2</td><td></td></mdl,x<>	22	43.2	
Indeno(1,2,3-Cd)Pyrene		<mdl,x< td=""><td>19</td><td>38</td><td>ug/Kg</td><td>84</td><td>X</td><td>13</td><td>25.1</td><td>ug/Kg</td><td>100</td><td>X</td><td>13</td><td>25.9</td><td></td></mdl,x<>	19	38	ug/Kg	84	X	13	25.1	ug/Kg	100	X	13	25.9	
Isophorone		<mdl< td=""><td>40</td><td>80.2</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>26</td><td></td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>27</td><td>54.7</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	40	80.2	ug/Kg	1	<mdl< td=""><td>26</td><td></td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>27</td><td>54.7</td><td>ug/Kg</td></mdl<></td></mdl<>	26		ug/Kg	1	<mdl< td=""><td>27</td><td>54.7</td><td>ug/Kg</td></mdl<>	27	54.7	ug/Kg
Naphthalene		<mdl,g< td=""><td>30</td><td>59.1</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>19</td><td>39</td><td>ug/Kg</td><td>l</td><td><mdl,g< td=""><td>20</td><td>40.3</td><td></td></mdl,g<></td></mdl,g<></td></mdl,g<>	30	59.1	ug/Kg		<mdl,g< td=""><td>19</td><td>39</td><td>ug/Kg</td><td>l</td><td><mdl,g< td=""><td>20</td><td>40.3</td><td></td></mdl,g<></td></mdl,g<>	19	39	ug/Kg	l	<mdl,g< td=""><td>20</td><td>40.3</td><td></td></mdl,g<>	20	40.3	
Nitrobenzene		<mdl,g< td=""><td>34</td><td>67.5</td><td>ug/Kg</td><td>l</td><td><mdl,g< td=""><td>22</td><td>44.6</td><td>ug/Kg</td><td> </td><td><mdl.g< td=""><td>23</td><td>46</td><td>ug/Kg</td></mdl.g<></td></mdl,g<></td></mdl,g<>	34	67.5	ug/Kg	l	<mdl,g< td=""><td>22</td><td>44.6</td><td>ug/Kg</td><td> </td><td><mdl.g< td=""><td>23</td><td>46</td><td>ug/Kg</td></mdl.g<></td></mdl,g<>	22	44.6	ug/Kg	 	<mdl.g< td=""><td>23</td><td>46</td><td>ug/Kg</td></mdl.g<>	23	46	ug/Kg
N-Nitrosodimethylamine	,	<mdl< td=""><td>42</td><td>84.4</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>28</td><td>55.7</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>29</td><td>57.6</td><td></td></mdl<></td></mdl<></td></mdl<>	42	84.4	ug/Kg	1	<mdl< td=""><td>28</td><td>55.7</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>29</td><td>57.6</td><td></td></mdl<></td></mdl<>	28	55.7	ug/Kg	1	<mdl< td=""><td>29</td><td>57.6</td><td></td></mdl<>	29	57.6	
N-Nitrosodi-N-Propylamine		<mdl< td=""><td>19</td><td>38</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>13</td><td>25.1</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>13</td><td>25.9</td><td></td></mdl<></td></mdl<></td></mdl<>	19	38	ug/Kg		<mdl< td=""><td>13</td><td>25.1</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>13</td><td>25.9</td><td></td></mdl<></td></mdl<>	13	25.1	ug/Kg	1	<mdl< td=""><td>13</td><td>25.9</td><td></td></mdl<>	13	25.9	
N-Nitrosodiphenylamine		<mdl< td=""><td>42</td><td>84.4</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>28</td><td>55.7</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>29</td><td>57.6</td><td></td></mdl<></td></mdl<></td></mdl<>	42	84.4	ug/Kg	1	<mdl< td=""><td>28</td><td>55.7</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>29</td><td>57.6</td><td></td></mdl<></td></mdl<>	28	55.7	ug/Kg	1	<mdl< td=""><td>29</td><td>57.6</td><td></td></mdl<>	29	57.6	
Pentachlorophenol		<mdl< td=""><td>11</td><td>21,1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td>13.9</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	11	21,1	ug/Kg		<mdl< td=""><td>7</td><td>13.9</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<>	7	13.9	ug/Kg		<mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<>	7.2	14.4	ug/Kg
Phenanthrene	168	X,G	8.4	16.9	ug/Kg	122	X,G	5.6	11.1	ug/Kg	139	X,G	5.8	11.5	ug/Kg
Phenol		<mdl< td=""><td>19</td><td>38</td><td>ug/Kg</td><td>l</td><td><mdl< td=""><td>13</td><td>25.1</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>13</td><td>25.9</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	19	38	ug/Kg	l	<mdl< td=""><td>13</td><td>25.1</td><td>ug/Kg</td><td>1</td><td><mdl< td=""><td>13</td><td>25.9</td><td>ug/Kg</td></mdl<></td></mdl<>	13	25.1	ug/Kg	1	<mdl< td=""><td>13</td><td>25.9</td><td>ug/Kg</td></mdl<>	13	25.9	ug/Kg
Pyrene	57.6	X,G	8.4	16.9	ug/Kg	231	X,G	5.6	11.1	ug/Kg	269	X,G	5.8	11.5	
M=OR EPA 8081A/8082 (7-3-03-002)						1									
4,4'-DDD	3.12	E	0.57	1.12	ug/Kg	0.63	<rdl,e< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td>1.15</td><td>E</td><td>0.39</td><td>0.767</td><td>ug/Kg</td></rdl,e<>	0.38	0.742	ug/Kg	1.15	E	0.39	0.767	ug/Kg
4,4'-DDE		<mdl,g,e< td=""><td>0.57</td><td>1.12</td><td></td><td></td><td><mdl,g,e< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl,g,e< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,g,e<></td></mdl,g,e<></td></mdl,g,e<>	0.57	1.12			<mdl,g,e< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl,g,e< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,g,e<></td></mdl,g,e<>	0.38	0.742			<mdl,g,e< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,g,e<>	0.39	0.767	ug/Kg
4,4'-DDT		<mdl,e< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl,e< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>	0.57	1.12	ug/Kg		<mdl,e< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl,e< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	0.38	0.742			<mdl,e< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,e<>	0.39	0.767	ug/Kg
Aldrin		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl< td=""><td>2.7</td><td>5.37</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl< td=""><td>2.7</td><td>5.37</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742			<mdl< td=""><td>2.7</td><td>5.37</td><td>ug/Kg</td></mdl<>	2.7	5.37	ug/Kg
Alpha-BHC		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td></td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742			<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg

PROJECT: 423001	Descrip: I Sampled: / Lab ID:	L20541-17 SALTWTR	1	rori		Locator: Descrip: Sampled: Lab ID: Matrix: % Solids:	Apr 19, 2 L20541-1 SALTWT	WAY MONITO 001 8	ORI		Descrip:	Apr 19, 20 L20541-19 SALTWTF	MONITO	ORI	
Parameters	Value	Qual - Dr	MDL y Weight Ba	RDL	Units	Value	Qual	MDL - Dry Weight Bas	RDL	Units	Value	Qual .	MDL Dry Weight Bas	RDL	Units
COMBINED LABS]									
Aroclor 1016		<mdl< td=""><td>5.7</td><td>11.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	5.7	11.2	ug/Kg		<mdl< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<>	3.8	7.42	ug/Kg		<mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<>	3.9	7.67	ug/Kg
Aroclor 1221		<mdl< td=""><td>5.7</td><td>11.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	5.7	11.2	ug/Kg		<mdl< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<>	3.8	7.42	ug/Kg		<mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<>	3.9	7.67	ug/Kg
Aroclor 1232		<mdl< td=""><td>5.7</td><td>11.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	5.7	11.2	ug/Kg		<mdl< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<>	3.8	7.42	ug/Kg		<mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<>	3.9	7.67	ug/Kg
Aroclor 1242		<mdl< td=""><td>5.7</td><td>11.2</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	5.7	11.2	ug/Kg		<mdl< td=""><td>3.8</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<></td></mdl<>	3.8		ug/Kg		<mdl< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl<>	3.9	7.67	ug/Kg
Aroclor 1248	29.3		5.7	11.2	ug/Kg	7.56		3.8	7.42	ug/Kg	8.65	5	3.9	7.67	ug/Kg
Aroclor 1254	66.5		5.7	11.2	ug/Kg	12.3		3.8	7.42	ug/Kg	18.8		3.9	7.67	ug/Kg
Aroclor 1260	62.7	G	5.7	11.2	ug/Kg	12.1	G	3.8	7.42	ug/Kg	15.3	G	3.9	7.67	ug/Kg
Beta-BHC		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Chlordane		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Delta-BHC		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Dieldrin		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Endosulfan I		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Endosulfan II		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Endosulfan Sulfate		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Endrin		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Endrin Aldehyde		<mdl,g< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl,0< td=""><td>3 0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,g<></td></mdl,0<></td></mdl,g<>	0.57	1.12	ug/Kg		<mdl,0< td=""><td>3 0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl,g< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,g<></td></mdl,0<>	3 0.38	0.742	ug/Kg		<mdl,g< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl,g<>	0.39	0.767	ug/Kg
Gamma-BHC (Lindane)		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Heptachlor		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Heptachlor Epoxide		<mdl< td=""><td>0.57</td><td>1.12</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	0.57	1.12	ug/Kg		<mdl< td=""><td>0.38</td><td>0.742</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<></td></mdl<>	0.38	0.742	ug/Kg		<mdl< td=""><td>0.39</td><td>0.767</td><td>ug/Kg</td></mdl<>	0.39	0.767	ug/Kg
Methoxychlor		<mdl,e< td=""><td>2.7</td><td>5.63</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>1.8</td><td>3.72</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>1.9</td><td>3.84</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>	2.7	5.63	ug/Kg		<mdl,e< td=""><td>1.8</td><td>3.72</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>1.9</td><td>3.84</td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	1.8	3.72	ug/Kg		<mdl,e< td=""><td>1.9</td><td>3.84</td><td>ug/Kg</td></mdl,e<>	1.9	3.84	ug/Kg
Toxaphene		<mdl,e< td=""><td>5.7</td><td>11.2</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl,e<></td></mdl,e<></td></mdl,e<>	5.7	11.2	ug/Kg		<mdl,e< td=""><td>3.8</td><td>7.42</td><td>ug/Kg</td><td></td><td><mdl,e< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl,e<></td></mdl,e<>	3.8	7.42	ug/Kg		<mdl,e< td=""><td>3.9</td><td>7.67</td><td>ug/Kg</td></mdl,e<>	3.9	7.67	ug/Kg
M=OR EPA 8260B (7-3-02-002)			•												
1,1,2-Trichloroethylene		<mdl< td=""><td>11</td><td>21.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td>13.9</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	11	21.1	ug/Kg		<mdl< td=""><td>7</td><td>13.9</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<>	7	13.9	ug/Kg		<mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<>	7.2	14.4	ug/Kg
Ethylbenzene		<mdl< td=""><td>11</td><td>21.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	11	21.1	ug/Kg		<mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<>	7		ug/Kg		<mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<>	7.2	14.4	ug/Kg
Tetrachloroethylene		<mdl< td=""><td>11</td><td>21.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	11	21.1	ug/Kg		<mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<>	7		ug/Kg		<mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<>	7.2	14.4	ug/Kg
Total Xylenes		<mdl< td=""><td>11</td><td>21.1</td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<></td></mdl<>	11	21.1	ug/Kg		<mdl< td=""><td>7</td><td></td><td>ug/Kg</td><td></td><td><mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<></td></mdl<>	7		ug/Kg		<mdl< td=""><td>7.2</td><td>14.4</td><td>ug/Kg</td></mdl<>	7.2	14.4	ug/Kg
* Not converted to dry weight basis for this parameter															

APPENDIX B SEDIMENT CHEMISTRY QUALITY ASSURANCE REVIEW

KING COUNTY ENVIRONMENTAL LABORATORY QUALITY ASSURANCE REVIEW

For

Pre-Construction Sediment Characterization Study Denny Way / Lake Union CSO Control Project

Prepared by:

Name Colin Elliott Title QA Officer

Date

Reviewed by:/

Name Pritz Grothkopp / Title Lab Project Manager

Date

King County Environmental Laboratory 322 West Ewing Street Seattle, Washington 98119-1507 (206) 684-2300

INTRODUCTION

This quality assurance (QA) narrative is intended to document the QA review conducted on the chemistry analyses performed for the Denny Way / Lake Union CSO Pre-construction Sediment Characterization Project. The QA narrative is organized into the five sections listed below.

- General Comments
- Sample Collection
- Conventional Analyses
- Metal Chemistry
- Organic Chemistry

An overview of the approach used for the QA review is detailed in the *General Comments* section. Additional information specific to each analysis is included in the appropriate analytical section.

This QA review and narrative (specifically defined as QA1) have been conducted in accordance with guidelines established through the Puget Sound Dredged Disposal Analysis (PSDDA) program and the Sediment Management Standards (WAC 173-204-610). Other approaches incorporated in the QA review have been established through collaboration between the King County Environmental Laboratory (KC Laboratory) and the Washington State Department of Ecology (Ecology) Sediment Management Unit.

GENERAL COMMENTS

Scope of Samples Submitted

This QA review is associated with marine sediment samples collected in April, 2001 as part of the Denny Way / Lake Union CSO Pre-construction Sediment Characterization Project.

Except where noted in the subcontracting sections of this QA review, all analyses have been conducted by the King County Environmental Laboratory (KCEL). Sediment analytical data are reported with associated data qualifiers and have undergone QA1 review, as summarized in this narrative report.

Completeness

Completeness has been evaluated for this data submission and QA review by considering the following criteria:

- Comparing reported data to the planned project analyses summarized in Table 1.
- Compliance with storage conditions and holding times.
- Frequency of analysis of the complete set of quality control (QC) samples outlined in Table 2.

Subcontracted Analyses

Analyses that have been subcontracted and the issues associated with these subcontracted analyses are noted in this narrative.

Methods

Analytical methods are noted in the applicable analytical sections of this QA review.

Target Lists

The reported target lists have been compared to the target analytes listed in *Table 1 - Marine* Sediment Quality Standards Chemical Criteria and Table 3 - Puget Sound Marine Sediment Cleanup Screening Levels Chemical Criteria contained in Chapter 173-204 WAC.

Detection Limits

The KC Laboratory distinguishes between the reporting detection limit (RDL) and the method detection limit (MDL).

- The RDL is defined as the minimum concentration of a chemical constituent that can be reliably quantified.
- The MDL is defined as the minimum concentration of a chemical constituent that can be detected.

Some subcontracted laboratory data are available with an MDL only, in accordance with the subcontracting laboratory policies. All analytical parameters are reported with detection limit(s). For some methods the detection limits reported may vary from sample to sample depending on the amount of sample analyzed and any additional dilutions required.

Storage Conditions and Holding Times

Storage conditions and holding times have been evaluated using guidelines established during the Third Annual PSDDA Review Meeting. The approach used to evaluate Total Organic Carbon for holding time has been established between the KC Laboratory and Ecology during previous QA1 review efforts. Extraction and analysis holding times for each method are summarized in each analytical section.

Method Blanks

Method blank results have been used to evaluate the possible laboratory contamination of samples. Method blank results have been reviewed for the presence of analytes detected at or greater than the MDL.

Standard Reference Materials

Standard reference material (SRM) recoveries have been used to evaluate possible low or high analytical bias on a batch-specific basis. SRM analysis is included with metals and selected organic and conventional parameters (see Table 2). SRMs are purchased from the National Institute of Standards and Technology (NIST) or National Research Council of Canada and have certified analyte values. Lab Control Samples (or spiked blanks) may also be analyzed by the analytical laboratory as part of overall quality control but the results are not used to qualify the sample data.

Matrix Spikes

Matrix spike recoveries have been used to evaluate possible low or high analytical bias on a matrix and batch-specific basis. Matrix spikes are analyzed with metals, organics and selected conventionals parameters (see Table 2).

Laboratory Replicate Samples

Replicate analysis (laboratory duplicates or triplicates) is used as an indicator of method precision and is used to qualify data on an analyte and batch-specific basis. Not all replicate data are used, however, as an indicator for data qualification. Only sets of replicate results which include at least one result greater than the RDL are considered for data qualification. These guidelines have been used to account for the fact that precision obtained near the detection limit is not representative of precision obtained throughout the entire analytical range.

Surrogates

Surrogate recoveries have been used to evaluate possible low or high analytical bias on a sample-specific basis. Surrogates are only analyzed for organic parameters.

Data Qualifiers

The data qualification system used for this data submission is presented in Table 3. These data qualifiers address situations that require qualification and generally conform to QA1 guidance. Changes made to SRM data qualification have been discussed with and approved by the Sediment Management Unit of Ecology. Table 3 also shows the qualifiers used for the Sedqual electronic data format.

Units and Significant Figures

Data have been reported in accordance with laboratory policy at the time of data generation. Data generally have been reported to three significant figures if above the RDL and two significant figures if equal to or below the RDL.

SAMPLE COLLECTION

This section describes sampling activities associated with the collection of 17 marine sediment samples on 4/9-19/2001. All sampling activities were conducted following guidance suggested in the Puget Sound Protocols (PSEP, 1996 and 1998).

Sampling Locations and Station Positioning

Sampling locations (stations) were selected and the prescribed coordinates determined prior to field activities. The prescribed station coordinates are presented in the following table. Also presented in the table are the actual coordinates recorded during sampling activities. All station coordinates are recorded in state plane coordinate system North American Datum 1983 (NAD83).

Lab ID #	Date Collected	Station Name	Prescribed Northing	Field Northing	Prescribed Easting	Field Easting
L20541-1	04/09/01	DWMP-01	228813	228811	1264047	1264048
	04/09/01			228810		1264052
L20541-2	04/09/01	DWMP-02	228770	228771	1263919	1263916
	04/09/01			228765		1263926
· · · · · · · · · · · · · · · · · · ·	04/09/01			228772		1263923
L20541-3	04/09/01	DWMP-03	228638	228644	1263846	1263845
	04/09/01			228637		1263855
L20541-4	04/09/01	DWMP-04	228546	228557	1263631	1263631
	04/09/01			228539		1263630
	04/09/01			228552		1263638
L20541-5	04/10/01	DWMP-05	229041	229037	1263836	1263840
	04/10/01			229032		1263838
L20541-6	04/09/01	DWMP-06	228839	228845	1263542	1263543
-	04/09/01			228851		1263538
L20541-7	04/09/01	DWMP-07	228660	228656	1263350	1263346
	04/09/01			228663		1263350
	04/09/01			228658		1263351
L20541-8	04/10/01	DWMP-08	228907	228911	1263341	1263326
	04/10/01			228920		1263335
	04/10/01			228914		1263336
L20541-9	04/10/01	DWMP-09	228806	228815	1263215	1263210
	04/10/01			228809		1263219
L20541-10	04/19/01	DWMP-10	229326	229324	1263565	1263560
	04/19/01			229321		1263567
L20541-11	04/10/01	DWMP-11	229156	229160	1263272	1263263
	04/10/01			229161		1263283
	04/10/01			229161		1263279
L20541-12	04/10/01	DWMP-12	228963	228950	1263055	1263052
	04/10/01			228949		1263054
	04/10/01			228971		1263055
L20541-13	04/10/01	DWMP-12 (field replicate)	228963	228954	1263055	1263045
	04/10/01			228941		1263041
L20541-14	04/19/01	DWMP-13	229640	229635	1263317	1263320
	04/19/01			229594		1263382
	04/19/01			229539		1263411
L20541-15	04/10/01	DWMP-14	229553	229553	1263228	1263226
	04/10/01			229561		1263224

1.20E41.46	04/10/01	DIAMAD 15	220444	229449	1263053	1263053
L20541-16	04/10/01	DWMP-15	229444		1203033	
	04/10/01			229462	1	1263040
	04/10/01			229440		1263055
L20541-17	04/10/01	DWMP-16	229353	229347	1262966	1262981
	04/10/01			229356		1262964
L20541-18	04/19/01	DWMP-BREF1	218630	218625	1259459	1259451
	04/19/01			218629		1259461
	04/19/01			218631		1259458
L20541-19	04/19/01	DWMP-BREF1 (field replicate)	218630	218631	1259459	1259458
	04/19/01			218641		1259465

The field coordinates for each grab sample are expected to be within a 6-meter (18 feet) radius of the prescribed station coordinates. All grab samples were within these acceptance limits except for DWMP-12 (field replicate), which each had one of the individual grabs outside the acceptance limits, and DWMP-13, which had two of the three grabs outside the acceptance limits. Station DWMP-13 was near shore where the shoreline armoring made it difficult to collect grabs within the 6-meter radius.

Sample Descriptions

Lab Sample #	Station Name	Sample Collection	Sediment Depth (from surface)	Sample Usage
L20541-1	DWMP-01	Surface Grabs	2 cm	Chemistry
L20541-2	DWMP-02	Surface Grabs	2 cm	Chemistry
L20541-3	DWMP-03	Surface Grabs	2 cm	Chemistry
L20541-4	DWMP-04	Surface Grabs	2 cm	Chemistry
L20541-5	DWMP-05	Surface Grabs	2 cm	Chemistry
L20541-6	DWMP-06	Surface Grabs	2 cm	Chemistry
L20541-7	DWMP-07	Surface Grabs	2 cm	Chemistry
L20541-8	DWMP-08	Surface Grabs	2 cm	Chemistry
L20541-9	DWMP-09	Surface Grabs	2 cm	Chemistry
L20541-10	DWMP-10	Surface Grabs	2 cm	Chemistry
L20541-11	DWMP-11	Surface Grabs	2 cm	Chemistry
L20541-12	DWMP-12	Surface Grabs	2 cm	Chemistry
L20541-13	DWMP-12 (field replicate)	Surface Grabs	2 cm	Chemistry (field replicate)
L20541-14	DWMP-13	Surface Grabs	2 cm	Chemistry
L20541-15	DWMP-14	Surface Grabs	2 cm	Chemistry
L20541-16	DWMP-15	Surface Grabs	2 cm	Chemistry
L20541-17	DWMP-16	Surface Grabs	2 cm	Chemistry
L20541-18	DWMP-BREF1	Surface Grabs	2 cm	Chemistry
L20541-19	DWMP-BREF1	Surface Grabs	2 cm	Chemistry
	(field replicate)			(field replicate)

Sediment grab samples were collected from the King County research vessel *Liberty*, which is equipped with a differential global positioning system (DGPS). Field coordinates were recorded using DGPS for each deployment of the grab sampler as it contacted the sediment. For chemistry analyses, composite sediment samples were to be obtained using three separate grab deployments from each station. For ten of the samples, the composite was generated using only two separate deployments but collecting sample from separate Van Veen samplers. Coordinates for each grab sampler deployment are included in the previous table.

Sample Collection and Handling

Seventeen marine sediment grab samples, including one field replicate, were collected on April 9, 10 and 19, 2001 from the Denny Way / Lake Union CSO Pre-construction Characterization Project site. One marine sediment grab sample and a field duplicate was collected April 19 from a proposed benthic taxonomy reference area near Seacrest Park (station DWMP-BREF1). Samples were collected from the top 2 cm for the chemistry aliquot of sediment using a tandem, stainless steel, modified, 0.1 m² Van Veen grab sampler deployed from the *Liberty* via hydrowire. Water depth at the 17 subtidal stations ranged between 4-29 meters (not corrected for tide). Between 5-17 cm of sediment was recovered in each grab, allowing collection of a sample aliquot from the top 2 cm using a 200 cm² "cookie cutter" and stainless steel spatula.

Each of the aliquots was placed into a separate stainless-steel bowl, covered with foil between grab deployments. After collecting aliquots from three grabs, the sediment sample was thoroughly homogenized and sample aliquots split out into pre-labeled containers. Sample containers were supplied by the King County Environmental Laboratory and were pre-cleaned according to analytical specifications.

Individual sets of sample compositing equipment were dedicated to each station, precluding the need for decontamination of the field gear. The Van Veen grab sampler was decontaminated between stations by scrubbing with a brush and ambient seawater, as necessary, followed by a thorough *in situ* rinsing.

Samples were stored in ice-filled coolers from the time of collection until delivery to the King County Environmental Laboratory. Samples were delivered under chain-of-custody and were maintained as such throughout the analytical process. Samples were stored frozen (-18°C) by the laboratory until analysis with the exception of samples for particle size distribution (PSD) analysis. PSD samples were stored refrigerated at approximately 4°C. A more complete description of sample handling and storage can be found in each analytical chemistry section of this narrative.

Copies of chain-of-custody forms and field sheets are included as an appendix to this QA1 review narrative.

CONVENTIONAL ANALYSES

Completeness

Conventional data are reported for all samples and parameters summarized in Table 1. These samples were analyzed in association with the complete set of QC samples outlined in Table 2.

Subcontracted Analyses

Analysis for Particle Size Distribution (PSD) and Total Sulfides was subcontracted to Rosa Environmental and Analytical Resources, Inc. in Seattle, WA.

Methods

Ammonia analysis was performed in accordance with Standard Method (SM) 4500-NH3-G following a KCI extraction (Plumb, 1981). PSD analysis was performed in accordance with ASTM Method D-422 and Puget Sound Protocols methodologies (page 9 - PSEP, 1986). TOC analysis was performed in accordance with SM5310-B and EPA 9060. Total solids and total volatile solids analyses were performed in accordance with SM2540-B and SM2540-G, respectively. Total sulfide analysis was performed in accordance with PSEP, 1986 and EPA Method 376.2.

Detection Limits, Units and Significant Figures

For analyses performed at the KC Laboratory, data are reported in accordance with laboratory policy at the time the data were generated. Data are reported to three significant figures for results greater than the RDL and two significant figures for results equal to or less than the RDL. For results reported with less than two or three significant figures, significant zeroes are implied. This may not apply to subcontracted data.

Storage Conditions and Holding Times

Sample storage conditions and holding times have been evaluated using guidelines established during the Third Annual PSDDA Review Meeting. The dates and holding time criteria for the actual storage conditions used for conventional analyses are listed in the table below.

Parameter	Lab ID#	Date Collected	Date Extracted	Date Analyzed	Sample Holding Time	Extract Holding Time
Ammonia Nitrogen	L20541-1→19	4/9-19/2001	5/15/2001	5/22/2001	6 months at - 18°C	14 days at - 18°C
Particle Size Distribution	L20541-1→9, 11→13, 15→17	4/9-10/2001	NA	4/16/2001	6 Months at 4°C	NA
	L20541- 10,14,18, 19	4/19/2001	NA	4/25/2001		
Sulfides (Total)	L20541-1→9, 11→13, 15→17	4/9-10/2001	4/16/2001	4/16/2001	7 Days at 4°C	NA
	L20541- 10,14,18, 19	4/19/2001	4/25/2001	4/25/2001		
Solids	L20541-1→8	4/9-10/2001	NA	4/16/2001	6 months at -	NA
(Total and Volatile)	L20541-9→19	4/10- 19/2001	NA	4/24/2001	18°C	
Total Organic	L20541-1→8,10 ,11	4/9-10/2001	4/16/2001	5/09/2001	6 months at - 18°C	6 months at - 18°C
Carbon	L20541-9, 12→19	4/10- 19/2001	4/24/2001	5/16/2001		

Sample storage conditions and holding times were met for all samples in this data submission.

Method Blanks

Method blanks were analyzed in connection with ammonia nitrogen/solids/total sulfides/total organic carbon analyses. All method blanks results were less than the MDL.

Standard Reference Materials

An SRM (Buffalo River Sediment) was analyzed in connection with TOC analysis. The percent recovery for the SRM analysis was within the 80 to 120% QC limits. An SRM was not available for any other Conventionals parameter, although lab control samples were successfully analyzed for ammonia nitrogen and total sulfides.

Matrix Spikes

The matrix spike recovery for ammonia nitrogen was within the 75 to 125% QC limits for all samples. The matrix spike recovery for total sulfide was within the 65 to 135% QC limits, except for Total Sulfide parameter for samples L20541-10, -14, -18 and -19. The matrix spike of sample L20541-10 for total sulfide had a recovery of 52%, below the 65 – 135% control window. The probable cause was reported to be matrix interference. The total sulfide results for samples L20541-10, -14, -18, and -19 were qualified with a 'G' to show that the matrix spike associated with these samples had a recovery below the acceptance range. Since the lab control samples were acceptable, no corrective actions were taken based on the matrix spike results.

Laboratory Replicate Samples

Laboratory triplicate samples were analyzed for all conventional parameters. The percent relative standard deviations (%RSD) for all triplicate analyses were less than or equal to the 20% QC limit, except for the second set of PSD analyses for Gravel.

All Gravel results for Samples L20541-10, -14, -18 and -19 are therefore qualified with the E flag. This category represents less than 1% of the total particle distribution of the sample analyzed in triplicate. Higher variability is expected for Gravel results that represent 10% or less of the total and therefore no corrective action was taken.

METALS CHEMISTRY

Completeness

Metal chemistry data are reported for all samples and parameters summarized in Table 1. These samples were analyzed for mercury and other metals in association with the complete set of QC samples outlined in Table 2.

All samples were re-analyzed for Silver on 5/15-16/2001 due to an unacceptable lab duplicate result for Silver in the original ICP analysis batch (5/9/2001).

Methods

Mercury analysis was performed in accordance with EPA Method 7471. Analysis for other metals was performed in accordance with EPA method 3050/6010.

Target List

The reported target list includes all metals specified in Table 1.

Detection Limits, Units and Significant Figures

For analyses performed at the KC Laboratory, data are reported in accordance with laboratory policy at the time the data were generated. Data are reported to three significant figures for results greater than the RDL and two significant figures for results equal to or less than the RDL. For results reported with less than two or three significant figures, significant zeroes are implied.

Storage Conditions and Holding Times

Sample storage conditions and holding times have been evaluated using guidelines established during the Third Annual PSDDA Review Meeting. The dates and holding time criteria for the actual storage conditions used for metals analyses are listed in the table below.

Parameter	Lab ID#	Date Collected	Date Digested/ Extracted	Date Analyzed	Sample Holding Time	Digestate/Extract Holding Time
Total Metals (except Silver)	L20541-1 to -19	4/9-19/2001	5/9/2001	5/14/2001	2 Years at -18°C	6 months
Total Silver	L20541-1 to -19	4/9-19/2001	5/15/2001	5/16/2001	2 Years at -18°C	6 months
Total Mercury	L20541-1 to -19	4/9-19/2001	4/26/2001	4/30/2001	28 days at -18°C	NA

Sample storage conditions and holding times were met for all samples in this data submission.

Method Blanks

All metals method blanks results were less than the MDL.

Standard Reference Materials

The SRM analyzed in association with samples included in this data submission is NRCC PACS 1. This SRM has certified values for all reported elements but Silver. An SRM recovery less than the QC limit of 80% has not been used to qualify metals data for ICP analysis because the digestion technique used is different from the technique used during analysis to determine the SRM values. Only SRM recoveries greater than 120% for metals (other than Mercury) will be used to qualify data.

The SRM recovery for Mercury was within the 80 to 120% limit. All ICP metals SRM recoveries were less than the QC limit of 120%, except for Cadmium, which had a recovery of 126%. Cadmium results for all samples have therefore been qualified with the L flag.

Matrix Spikes

All matrix spike recoveries were within the 75 to 125% QC limits, except for Antimony, which had a recovery of 37%. Antimony results for all samples have therefore been qualified with the G flag.

Laboratory Replicate Samples

The relative percent differences (RPDs) for laboratory duplicate results for the final data sets were less than the QC limit of 20%. The original ICP analysis performed on 5/14/2001 had an RPD for Silver that was greater than the 20% acceptance limit. All samples were therefore redigested and re-analyzed on 5/15-16/2001, which had acceptable RPD results for Silver. Silver results are being reported for all samples from this re-analysis.

ORGANIC CHEMISTRY

Completeness

Organics data are reported for all samples and parameters summarized in Table 1. These samples were analyzed in association with the complete set of QC samples outlined in Table 2.

Methods

BNA analysis was performed in accordance with EPA method 8270. VOA analysis was performed in accordance with EPA method 8260B. PCB and chlorinated pesticides analysis was performed in accordance with EPA methods 8082 and 8081A.

Target List

The reported BNA target list includes all compounds specified in *Table 1 - Marine Sediment Quality Standards Chemical Criteria* and *Table 3 - Puget Sound Marine Sediment Cleanup Screening Levels Chemical Criteria* contained in Chapter 173-204 WAC with the exception of benzo(j)fluoranthene. The KC Laboratory has verified that analytical conditions are sufficient to calculate a total benzofluoranthene result using the reported *b* and *k* isomers.

Reported PCB data include Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260.

Chlordane results are reported using the combined concentrations of alpha and gamma Chlordane.

Interferences

The conditions for the PCB/chlorinated pesticides and BNA analyses were adjusted to allow maximum sensitivity for these methods in order to meet the Marine Sediment Quality Standards Chemical Criteria for all appropriate parameters. Under these analysis conditions, the relatively high levels of PCBs and PAHs in nearly all the samples interfered with the detection and quantitation of certain parameters. For selected samples (L20541-1,2,3,7,8,9,12,15,16), detection limits for Chlordane were elevated due to interference from PCB components. Samples L20541-2→19 showed unacceptably low Continuing Calibration Verification checks for DDE, DDD, DDT and Methoxychlor. Continuing Calibration Verification for Toxaphene also failed for L20541-14→19. Results for these parameters and specific samples have been qualified with an E flag. It was decided that diluting the samples and re-analyzing to eliminate the interference would result in unacceptably high detection limits for these parameters therefore the original results are reported.

Units and Significant Figures

For analyses performed at the KC Laboratory, data are reported in accordance with laboratory policy at the time the data were generated. Data are reported to three significant figures for results greater than the RDL and two significant figures for results equal to or less than the RDL. For results reported with less than two or three significant figures, significant zeroes are implied.

Storage Conditions and Holding Times

Sample storage conditions and holding times have been evaluated using guidelines established during the Third Annual PSDDA Review Meeting. The dates and holding time criteria for the actual storage conditions used for organics analyses are listed in the following table.

Parameter	Lab ID#	Date Collected	Date Extracted	Date Analyzed	Sample Holding Time	Extract Holding Time
BNAs	L20541-1→19	4/9- 19/2001	4/25/01	4/26/01- 5/29/01	1 year at -18°C	40 days at 4°C
ChloroPest/ PCBs	L20541-1→19	4/9- 19/2001	4/24/01	5/7/01	1 year at -18°C	40 days at 4°C
VOAs	L20541-1→9	4/9-10/01	NA	4/13/01	14 Days at 4°C	Same as sample
i	L20541-10	4/19/01	NA	4/20/01		·
	L20541-11→19	4/10-19/01	NA	4/23/01		

Sample storage conditions and holding times were met for all samples in this data submission.

Method Blanks

1. BNAs

The method blank analyzed with BNAs for L20541-1→19 had a result above the MDL for Di-N-butyl Phthalate. Sample results for Di-N-Butyl Phthalate for all samples have all been qualified with the B flag. All Di-N-Butyl Phthalate results for these samples must be treated as estimated values.

All other method blank results (PCB/chlorinated Pesticides and VOAs) were less than the MDL.

Surrogate Recoveries

1. BNAs

BNA sample data are qualified with a G flag when the average surrogate recovery for either or both the acid and base/neutral fractions are outside the 50 to 150% QC limits. The following table summarizes the average surrogate recoveries for those samples that are <u>outside</u> the QC limits and the flag applied to the appropriate parameters. All other average surrogate recoveries are acceptable.

Lab ID#	Average Acid Surrogate Recovery	Flag Applied to Acid Compounds
L20541-3	48	G
L20541-7	45.5	G
L20541-8	46	G
L20541-9	40.5	G
L20541-10	39	G
L20541-11	35.75	G
L20541-12	33.5	G
L20541-13	38.25	G
L20541-14	42.5	G
L20541-15	45	G
L20541-16	48.5	G

2. PCBs and Chlorinated Pesticides

Chlorinated Pesticides and PCBs are analyzed simultaneously. All parameters reported for a sample are qualified when <u>both</u> surrogate recoveries are outside QC limits. The measured recovery for at least one surrogate was within the 50 to 150% QC limits for all samples in this data submission.

3. VOAs

Volatile sample data are qualified when any one of the three surrogates fails sediment recovery criteria. For each set of analyses, all surrogates passed sediment recovery criteria for VOAs.

Standard Reference Materials

1. BNAs

The sediment SRM analyzed in association with the reported BNA results is 1941a, certified by the National Institute of Standards and Technology (NIST). SRM 1941a has certified concentrations for a partial list of compounds for BNA analysis. Results for these compounds for all samples in this batch have been qualified based on the SRM recoveries outside the 80 to 120% QC limits. The recoveries and flags are summarized in the following table.

	L20541-	1→19
Compound	% Recovery	Flag
Naphthalene	21	G
Fluorene	86	
Hexachlorobenzene	62	G
Phenanthrene	50	G
Anthracene	78	G
Fluoranthene	84	
Pyrene	79	G
Benzo(a)anthracene	80	
Chrysene	132	L
Benzo(b)fluoranthene	130	L
Benzo(k)fluoranthene	136	L
Benzo(a)pyrene	90	
Indeno(1,2,3-c,d)pyrene	90	
Dibenzo(a,h)anthracene	138	L
Benzo(g,h,i)perylene	72	G

2. PCBs and Chlorinated Pesticides

The sediment SRM analyzed in association with the reported Chlorinated Pesticides results is 1941a, certified by the NIST. SRM 1941a contains certified levels of DDE and DDD. The sediment SRM analyzed in association with the reported PCB results is HS-2, certified by the National Research Council of Canada for Aroclor 1254. The recovery of the certified parameters must be within 80 to 120% or the appropriate parameters for all samples are flagged. The SRM results for this batch of samples are summarized below:

	<u>L20541-1→19</u>				
Compound	% Recovery	Flag			
DDE	71	G			
DDD	91				
Aroclor 1254	96				

3. VOAs

A sediment SRM is not available for VOAs.

Matrix Spikes

1. BNAs

The matrix spike recoveries for each BNA compound must be within the 50 to 150% QC limits. If not, all sample results for the particular compound within the batch of samples must be flagged as follows. A G flag is applied if the recovery is between 10 and 50%, an X flag is applied if less than 10% recovery and an L flag is applied if greater than 150% recovery. The following table

summarizes the matrix spike recoveries for specific compounds that are <u>outside</u> the QC limits and the appropriate flag. The matrix spike recoveries are acceptable for all other BNA parameters.

	L20541-1	→ 19
Compound	% Recovery	Flag
Bis(2-Chloroethyl)Ether	28	G
2-Chlorophenol	41	G
1,3-Dichlorobenzene	9	Χ
1,4-Dichlorobenzene	12	G
1,2-Dichlorobenzene	13	G
Hexachloroethane	0	X
Nitrobenzene	44	G
1,2,4-Trichlorobenzene	40	G
Naphthalene	38	G
Hexachlorobutadiene	26	G
Dimethyl Phthalate	152	L
2,6-Dinitrotoluene	232	L
2,4-Dinitrotoluene	185	L
Phenanthrene	-145*	X
Anthracene	18*	G
Di-N-Butyl Phthalate	219	L
Fluoranthene	-393*	X
Pyrene	-271*	X
Benzyl Butyl Phthalate	249*	L
Benzo(a)anthracene	-164*	X
Chrysene	-152*	X
Bis(2-Ethylhexyl)Phthalate	16*	G
Di-N-Octyl Phthalate	278	L
Benzo(b)fluoranthene	-135*	X
Benzo(k)fluoranthene	21*	G
Benzo(a)pyrene	-118*	X
Indeno(1,2,3-cd)pyrene	-2*	X
Dibenzo(a,h)anthracene	49	G
Benzo(g,h,i)perylene	-13*	X
Aniline	0	X
Benzyl Alcohol	0	X
Coprostanol	0	Х

^{*} Sample background levels for these parameters exceed the spike levels.

A significant number (50%) of the reported parameters were outside the 50 to 150% acceptance limits. As indicated in the table above, many of the parameters had measured background levels at or above the spike level. Due to the variability in the background levels, the true spike recovery is therefore difficult to accurately measure for these parameters. It is not possible to tell if the unacceptable recovery was due to interference and bias or only due to variability of the measured background response.

2. PCBs and Chlorinated Pesticides

Separate samples were used for preparing matrix spikes for Pesticides and PCBs since the combined parameters may cause interferences for selected pesticides. For the PCB-spiked sample, Aroclor 1260 and 1016 only are used as the spiking parameters. Chlordane and Toxaphene were not added as spiked parameters.

The matrix spike recoveries for Pesticide and PCB compounds must be within the 50 to 150% QC limits. A G flag is applied if the recovery is between 10 and 50%, an X flag is applied if less than 10% recovery and an L flag is applied if greater than 150% recovery. The following table summarizes the matrix spike recoveries for specific parameters that were <u>outside</u> the QC limits and the appropriate flag. Spike recovery values for all other pesticide and PCB parameters were acceptable.

	L20541-1→19				
Compound	% Recovery	Flag			
Endrin Aldehyde	40	G			
Aroclor 1260	43*	G			

[•] The sample background level for this parameter exceeds the spike level.

For Aroclor 1260, all sample results are flagged since it is not possible to tell if the unacceptable recovery was due to an interference or bias or only due to variability of the measured background response. It is expected that matrix interference contributed to the unacceptable recovery for Endrin Aldehyde.

3. VOAs

The matrix spike recoveries for each VOA compound must be within the 50 to 150% QC limits. A G flag is applied if the recovery is between 10 and 50%, an X flag is applied if less than 10% recovery and an L flag is applied if greater than 150% recovery. All parameters showed recoveries within the QC limits for the VOA matrix spike.

Laboratory Replicate Samples

Lab Replicate (duplicate) samples for Organics have a QC acceptance limit 100% for the Relative Percent Difference (RPD). All duplicate analyses showed acceptable RPD values for BNAs, Pesticide/PCBs and VOAs.

TABLE 1 SEDIMENT SAMPLE INVENTORY

Sample	Station	Total Sulfides	PSD	Ammonia Nitrogen	Solids	тос	Metals ¹	BNAs²	Pest/ PCBs	VOCs ³	Comments
L20541-1	DWMP-01	x	х	x	х	х	х	х	х	х	,
L20541-2	DWMP-02	х	х	х	x	х	х	х	х	х	
L20541-3	DWMP-03	x	х	х	х	х	х	х	х	х	
L20541-4	DWMP-04	х	х	х	X	х	х	х	x	х	
L20541-5	DWMP-05	х	х	х	х	Х	х	х	х	x	
L20541-6	DWMP-06	х	х	x	х	х	х	х	х	х	
L20541-7	DWMP-07	х	х	х	х	Х	х	х	х	х	
L20541-8	DWMP-08	x	х	х	х	х	х	х	x	х	
L20541-9	DWMP-09	x	х	х	х	х	х	х	х	х	
L20541-10	DWMP-10	х	х	x	х	х	х	х	x	х	
L20541-11	DWMP-11	х	х	х	х	х	х	x	х	х	
L20541-12	DWMP-12	х	х	х	х	х	х	х	x	х	
L20541-13	DWMP-12	x	х	х	х	х	х	х	х	х	field replicate
L20541-14	DWMP-13	х	x	х	х	х	х	х	х	х	
L20541-15	DWMP-14	x	х	х	х	х	х	х	х	х	
L20541-16	DWMP-15	х	х	х	х	х	х	х	х	х	
L20541-17	DWMP-16	х	х	х	х	x	х	х	x	х	
L20541-18	DWMP-BREF1	Х	х	х	х	х	х	х	х	х	
L20541-19	DWMP-BREF1	х	х	х	х	Х	х	х	x	х	field replicate

Metals = Hg, Sb, As, Cd, Cr, Cu, Pb, Ni, Ag, Zn
 BNAs = Selected BNA parameters including Chlorobenzenes
 VOCs = Ethylbenzene, Tetrachloroethene, Trichloroethene, Total Xylenes

TABLE 2
QC SAMPLE FREQUENCY FOR SEDIMENT CHEMICAL AND PHYSICAL PARAMETERS

Parameter	Method Blank	Duplicate	Triplicate	Matrix Spike	SRM	Surrogates
Ammonia Nitrogen	1 per QC batch	See Triplicate	5% minimum, 1 per QC batch	5% minimum, 1 per QC batch	No	No
PSD	No	See Triplicate	5% minimum, 1 per QC batch	No	No	No
Solids, Total and Volatile	1 per QC batch	See Triplicate	5% minimum, 1 per QC batch	No	No	No
TOC	1 per QC batch	See Triplicate	5% minimum, 1 per QC batch	No	1 per QC batch	No
Sulfides	1 per QC batch	See Triplicate	5% minimum, 1 per QC batch	5% minimum, 1 per QC batch	No	No
Metals	1 per QC batch	5% minimum, 1 per QC batch	No	5% minimum, 1 per QC batch	1 per QC batch	No
BNAs	1 per QC batch	5% minimum, 1 per QC batch	No	5% minimum, 1 per QC batch	1 per QC batch	Yes
PCBs/Chlorinated Pesticides	1 per QC batch	5% minimum, 1 per QC batch	No	5% minimum, 1 per QC batch	1 per QC batch	Yes
VOAs	1 per QC batch	5% minimum, 1 per QC batch	No	5% minimum, 1 per QC batch	No	Yes

TABLE 3 - SUMMARY OF SEDIMENT DATA QUALIFIERS

Condition to Qualify	King County Data Qualifier	Sedqual Data Qualifier	Organic QC Limits	Metal QC Limits	Conventional QC Limits	Comment
very low matrix spike recovery	X	X	< 10 %	< 10 %	< 10 %	
low matrix spike recovery	G	G	< 50%	< 75%	< 75% *	
high matrix spike recovery	L	L	> 150%	>125%	>125% *	
low standard reference material recovery	G	G	< 80%	NA	< 80%	
high standard reference material recovery	L	L	>120%	>120%	>120%	
high duplicate relative percent difference	E	Е	>100 %	>20%	NA	for organics and metals
high triplicate relative standard deviation	E	E	NA	NA	> 20%	for conventionals
less than the reporting detection limit	<rdl**< td=""><td>T</td><td>NA</td><td>NA</td><td>NA</td><td></td></rdl**<>	T	NA	NA	NA	
less than the method detection limit	<mdl**< td=""><td>U</td><td>NA</td><td>NA</td><td>NA</td><td></td></mdl**<>	U	NA	NA	NA	
contamination reported in blank	В	В	>MDL	>MDL	>MDL	
biased data based on very low surrogate recoveries	X	X	all fraction surrogates <10%	NA	NA	average surrogate recovery for BNAs
biased data based on low surrogate recoveries	G	G	all fraction surrogates <50%	NA	NA	average surrogate recovery for BNAs
biased data based on high surrogate recoveries	L	L	all fraction surrogates >150%	NA	NA	average surrogate recovery for BNAs
rejected - unusable for all purposes	R	J2 or J3	NA	NA	NA	
a sample handling criteria	Н	Q	NA	NA	NA	container, hold time

^{* 65%} to 135% for Total Sulfides.

** For Sedqual files, <MDL uses a "U" flag, <RDL is not flagged.

CONVENTIONAL ANALYSES QC DATA

METRO Environmental Laboratory

WORK GROUP REPORT (wk02)

Jun 01 2001, 11:37 am

Work Group: WG55039 (NH3 Mercer St Tunnel) for Department: 3 - Conventionals

Created: 30-APR-01 Due: Operator: BP

Sam ple	Project Number Project Des	eription	PKey	C Produ	ct	Matrix	Stat U2	Workdate	Duedate
	422001	or Tunnel	o Ĥrê:	C MITS		CAI THAT COL	ANAT II	14 App 07	04 - 1111 4
.20541+1	423001 Mercer Stre		400000000000000000000000000000000000000	S NH3		SALTWIRSED	656 C V-546	11-APR-01	
20541-10	423001 Mercer Stre			S NH3		SALTWTRSED		21-APR-01	
20541-11	423001 Mercer Stre			S NH3		SALTWIRSED	10000000000	15-11-050-00001-00001	
0541-12	423001 Mercer Stre		100000	S NH3		SALTWTRSED	7.50	12-APR-01	
0541-13	423001 Mercer Stre			s NH3		SALTWIRSED		12-APR-01	
0541-14	423001 Mercer Stre	et Tunnel	SED	S NH3		SALTWIRSED		21-APR-01	
0541-15	423001 Mercer Stre		A5555555	S NH3		SALTWTRSED	150050500	nerselfferen och er er er er ett gift.	
0541-16	423001 Mercer Stre	et Tunnel	SED	S NH3		SALTWIRSED	ANAL U	12-APR-01	04-JUN-0
0541-17	423001 Mercer Stre	et Tunnel	SED	S NH3		SALTWIRSED	ANAL U	12-APR-01	04 -JUN - 0
0541-18	423001 Mercer Stre	et Tunnel	SED	S NH3		SALTWIRSED	ANAL U	21-APR-01	04-JUN-0
0541-19	423001 Mercer Stre	et Tunnel	SED	S NH3		SALTWIRSED	ANAL U	21-APR-01	04-JUN-0
0541-2	423001 Mercer Stre	et Tunnel	SED	S NH3		SALTWTRSED	ANAL U	11-APR-01	04-JUN-0
0541-3	423001 Mercer Stre	et Tunnel	SED	S NH3		SALTWTRSED	ANAL U	11-APR-01	04-JUN-0
0541-4	423001 Mercer Stre		20000000	S NH3		SALTWIRSED	ANAL U	11-APR-01	04-JUN-0
0541-5	423001 Mercer Stre			S NH3		SALTWIRSED	9779779777	12-APR-01	
0541-6	423001 Mercer Stre		000000.00	S NH3		SALTWTRSED	200000000000	11-APR-01	
	423001 Mercer Stre		1,9050,000.00	S NH3		SALTWIRSED	************	11-APR-01	
0541-7			¥000000.00	S NH3		SALTWIRSED	200	12-APR-01	
0541-8	i '		5555571.35	***************************************		SALTWIRSED	244.000.000	12-APR-01	
0541-9	423001 Mercer Stre	et lumei	SED	S NH3			5.545454545454	processors and an artist of the	04-0011-0
55039-1	MB		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S NH3		OTHR SOLID	2000 Sept. 100 S	24-MAY-01	
\$55 039-1 0	LCS			S NH3		OTHR SOLID	5 - 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	30-MAY-01	
:55039+3	MB			S NH3		OTHR SOLID	200000000000000000000000000000000000000	24-MAY-01	
35503 9 -4	MB			S NH3		OTHR SOLID	200000000000000000000000000000000000000	24-MAY-01	
55039-5	SB		2.555555555	S NH3		OTHR SOLID	200000000000000000000000000000000000000	24-MAY-01	
55039-7	LD		WWW.WW.	S NH3		SALTWTRSED	7, 7, 7, 7, 7, 7, 7, 7	24-MAY-01	
\$50 39 ~8	LT		SED	S NH3		SALTWIRSED		24-MAY-01	
55039-9	MS		SED	S NH3		SALTWTRSED	ANAL U	24-MAY-01	
omments:									
20541-1	CHEM: comp-3 / TAX: rep-3			5.000					
0541-10	CHEM: comp-3 / TAX: rep-3						03700		
0541-11	CHEM: comp-3 / TAX: rep-3						Hotelett.		
0541-12	CHEM: comp-3 / TAX: rep-3		4,411						
0541-13	CHEM FREP		3873						
0541-14	CHEM: comp-3 / TAX: rep-3								
0541-15	CHEM: comp-3 / TAX: rep-3								
							legios		
0541-16	CHEM: comp-3 / TAX: rep-3								
0541-17	CHEM: comp-3 / TAX: rep-3						(4°41)		
0541-18	CHEM: comp-3 / TAX: rep-3								
0541-19	CHEM FREP								
10541-2	CHEM: comp-3 / TAX: rep-3						Assessed		
0541-3	CHEM: comp-3 / TAX: rep-3						144884		
0541-4	CHEM: comp-3 / TAX: rep-3	-					leby!		
0541-5	CHEM: comp-3 / TAX: rep-3						27/21/2		
0541-6	CHEM: comp-3 / TAX: rep-3								
0541+7	CHEM: comp-3 / TAX: rep-3								
0541-8	CHEM: comp-3 / TAX: rep-3								
0541-9	CHEM: comp-3 / TAX: rep-3								
55039-1	MB1 KCL 010515			1,529					
55039-10	LEVEL1								
55039-3	MB2 KCL 010515								
55039-4	MB3 KCL 010515								
55039-5	WG55039-1								
550 39 -7	L20541-1								
5503 9 -7 55039-8	WG55039-7 L20541-1								
55039-9	L20541-1								
Z*€£0€€	TINGO 311-1								

KING COUNTY METRO ENVIRONMENTAL LABORATORY

Lab QC Report - 06/01/01 11:39
Run ID: R66710 Workgroup: WG55039 (NH3 Mercer St Tunnel)

MB:WG55039-1 Matrix: OTH	HR SOLID L	isttype:	CVNH3 Me	ciion: Suas	67 (14.6.C) (1880) 4 (Files				PKey: SED				
Parameter	Mdl	Rđl	Units	MB Value									
Ammonia Nitrogen	.25	. 5	mg/Kg	<mdl< td=""><td>¥ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>	¥ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4								
			. 100 100 000			861. 866 806							
													100
MB:WG55039-3 Matrix: OTI	HR SOLID L	isttype:	CVNH3 Me	thod: SM45	00-NH3-G	(03-03-004-	.001) Project	: 423001	PKey: SED				
				5866			Ť						
Parameter Ammonia Nitrogen	Mdl .25	Rdl .S	Units	MB Value	Qual								
Annonia Wicrogen	. 45	. 5	mg/Kg	< MULL									
			8.00										
MB:WG55039-4 Matrix: OT	HK SOLID L	isttype:	CVNH3 Me	ethod: SM45	500-NH3-G	(03-03-004-	·001) Project	: 423001	PKey: SED				
Parameter	Mdl	Rdl	Units	MB Value	Qual							교육하게 다	
Ammonia Nitrogen	.25	. 5	mg/Kg	<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>									
				d T	3 (2) (2) (4) (3) (3) (4) (4)								
SB:WG55039-5 MB:WG55039-1	Matrix:	OTHR SO	LID List	voe: CVNH	Method:	SM4500-NH3	3-G (03-03-804	-001) Pro	iect: PKey: SEI		2007 2007년 - 12 1022년 - 1		
				1.					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Parameter	Mdl												
		Rd1	Units						Truevalue Value	% Rec. Qua	l Limits	RPD/RSD Qual	Limit
Ammonia Nitrogen	. 25	. 5	Units mg/Kg	MB Value	Truevalu 1.25	e SB Value 1.41	% Rec. Qual	Limits 80-120	Truevalue Value	% Rec. Qua	l Limits	RPD/RSD Qual	Limit
									Truevalue Value	% Rec. Qua	l Limits	RPD/RSD Qual	Limi
Ammonia Nitrogen	.25	. 5	mg/Kg	<mdl< td=""><td>1.25</td><td>1.41</td><td>113</td><td>80-120</td><td></td><td></td><td>l Limits</td><td>RPD/RSD Qual</td><td>Limi</td></mdl<>	1.25	1.41	113	80-120			l Limits	RPD/RSD Qual	Limi
Ammonia Nitrogen	.25	. 5	mg/Kg	<mdl< th=""><th>1.25</th><th>1.41</th><th>113</th><th>80-120</th><th></th><th></th><th>l Limits</th><th>RPD/RSD Qual</th><th>Limi</th></mdl<>	1.25	1.41	113	80-120			l Limits	RPD/RSD Qual	Limi
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8	.25 L20541-1 M	.5	mg/Kg SALTWTRSED	<mdl Listtype</mdl 	1.25 : CVNH3 M	1.41 lethod: SM45	113 500-NH3-G (03-	80-120 03-004-001) Project: 423001	PKey: SED			
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter	.25 L20541-1 M Mdl	.5 Matrix: S Rdl	mg/Kg SALTWTRSED Units	<mdl Listtype SampValue</mdl 	1.25 : CVNH3 M	1.41 ethod: SM45 e LD Value	113 500-NH3-G (03-	80-120 03-004-001	Project: 423001 Truevalue LT Valv	PKey: SED		RPD/RSD Qual	Limi
Ammonia Nitrogen	.25 L20541-1 M	.5	mg/Kg SALTWTRSED	<mdl Listtype</mdl 	1.25 : CVNH3 M	1.41 lethod: SM45	113 500-NH3-G (03-	80-120 03-004-001) Project: 423001	PKey: SED			184 T
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter	.25 L20541-1 M Mdl	.5 Matrix: S Rdl	mg/Kg SALTWTRSED Units	<mdl Listtype SampValue</mdl 	1.25 : CVNH3 M	1.41 ethod: SM45 e LD Value	113 500-NH3-G (03-	80-120 03-004-001	Project: 423001 Truevalue LT Valv	PKey: SED		RPD/RSD Qual	Limi
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen	.25 L20541-1 M Mdl .25	.5 Matrix: S Rdl .5	mg/Kg SALTWTRSED Units mg/Kg	cMDL Listtype SampValue 3.5	1.25 : CVNH3 M	1.41 ethod: SM45 e LD Value 3.45	113 500-NH3-G (01- % Rec. Qual	80-120 03-004-001 Limits	Project: 423001 Truevalue LT Valu 3,47	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen	.25 L20541-1 M Mdl .25	.5 Matrix: S Rdl .5	mg/Kg SALTWTRSED Units mg/Kg	cMDL Listtype SampValue 3.5	1.25 : CVNH3 M	1.41 ethod: SM45 e LD Value 3.45	113 500-NH3-G (03-	80-120 03-004-001 Limits	Project: 423001 Truevalue LT Valu 3,47	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma	.25 L20541-1 M Mdl .25	.5 Matrix: S Rdl .5	mg/Kg SALTWTRSED Units mg/Kg	<mdl 3.5="" cvnh3="" listtype="" meti<="" sampvalue="" td=""><td>1.25 : CVNH3 M e Truevalu hod: SM450</td><td>1.41 lethod: SM45 le LD Value 3.45</td><td>113 500-NH3-G (03- % Rec. Qual 3-03-004-001)</td><td>80-120 03-004-001 <u>Limits</u> Project:</td><td>Project: 423001 Truevalue LT Valu 3,47</td><td>PKey: SED e % Rec. Qua</td><td></td><td>RPD/RSD Qual</td><td>Limi 20</td></mdl>	1.25 : CVNH3 M e Truevalu hod: SM450	1.41 lethod: SM45 le LD Value 3.45	113 500-NH3-G (03- % Rec. Qual 3-03-004-001)	80-120 03-004-001 <u>Limits</u> Project:	Project: 423001 Truevalue LT Valu 3,47	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter	,25 L20541-1 M Mdl ,25 trix: SALTW	.5 Matrix: S Rd1 .5 WTRSED I	mg/Kg SALTWTRSED Units mg/Kg Listtype:	<mdl 3.5="" cvnh3="" listtype="" meti<="" sampvalue="" td=""><td>1.25 : CVNH3 M e Truevalu hod: SM450</td><td>1.41 lethod: SM45 le LD Value 3.45</td><td>113 500-NH3-G (01- % Rec. Qual</td><td>80-120 03-004-001 <u>Limits</u> Project:</td><td>Project: 423001 Truevalue LT Valu 3,47</td><td>PKey: SED e % Rec. Qua</td><td></td><td>RPD/RSD Qual</td><td>Limi 20</td></mdl>	1.25 : CVNH3 M e Truevalu hod: SM450	1.41 lethod: SM45 le LD Value 3.45	113 500-NH3-G (01- % Rec. Qual	80-120 03-004-001 <u>Limits</u> Project:	Project: 423001 Truevalue LT Valu 3,47	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter	.25 L20541-1 Mdl .25 trix: SALTW	.5 Aatrix: S Rdl .5 VTRSED I Rdl	mg/Kg SALTWTRSED Units mg/Kg Listtype: Units	<mdl 3.5="" cvnh3="" listtype="" meti<="" sampvalue="" td=""><td>1.25 : CVNH3 M e Truevalu hod: SM450</td><td>1.41 lethod: SM45 le LD Value 3.45 l0-NH3-G (03</td><td>113 500-NH3-G (03- % Rec. Qual 3-03-004-001)</td><td>80-120 03-004-001 Limits Project: Limits</td><td>Project: 423001 Truevalue LT Valu 3,47</td><td>PKey: SED e % Rec. Qua</td><td></td><td>RPD/RSD Qual</td><td>Limi 20</td></mdl>	1.25 : CVNH3 M e Truevalu hod: SM450	1.41 lethod: SM45 le LD Value 3.45 l0-NH3-G (03	113 500-NH3-G (03- % Rec. Qual 3-03-004-001)	80-120 03-004-001 Limits Project: Limits	Project: 423001 Truevalue LT Valu 3,47	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter	.25 L20541-1 Mdl .25 trix: SALTW	.5 Aatrix: S Rdl .5 VTRSED I Rdl	mg/Kg SALTWTRSED Units mg/Kg Listtype: Units	<mdl 3.5="" cvnh3="" listtype="" meti<="" sampvalue="" td=""><td>1.25 : CVNH3 M e Truevalu hod: SM450</td><td>1.41 lethod: SM45 le LD Value 3.45 l0-NH3-G (03</td><td>113 500-NH3-G (03- % Rec. Qual 3-03-004-001)</td><td>80-120 03-004-001 Limits Project: Limits</td><td>Project: 423001 Truevalue LT Valu 3,47</td><td>PKey: SED e % Rec. Qua</td><td></td><td>RPD/RSD Qual</td><td>Limi 20</td></mdl>	1.25 : CVNH3 M e Truevalu hod: SM450	1.41 lethod: SM45 le LD Value 3.45 l0-NH3-G (03	113 500-NH3-G (03- % Rec. Qual 3-03-004-001)	80-120 03-004-001 Limits Project: Limits	Project: 423001 Truevalue LT Valu 3,47	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen	,25 L20541-1 Mdl ,25 trix: SALTW Mdl ,25	.5 Matrix: S Rdl .5 WTRSED I Rdl .5	mg/Kg SALTWTRSED Units mg/Kg Listtype: Units mg/Kg	CVNH3 Met	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25	1.41 lethod: SM45 le LD Value 3.45 l0-NH3-G (03) le MS Value 4.75	113 500-NH3-G (03- % Rec. Qual 3-03-004-001) % Rec. Qual	80-120 03-004-001 Limits Project: Limits 75-125	Project: 423001 Truevalue LT Valu 3,47 423001 PKey: SEI	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen	,25 L20541-1 Mdl ,25 trix: SALTW Mdl ,25	.5 Matrix: S Rdl .5 WTRSED I Rdl .5	mg/Kg SALTWTRSED Units mg/Kg Listtype: Units mg/Kg	CVNH3 Met	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25	1.41 lethod: SM45 le LD Value 3.45 l0-NH3-G (03) le MS Value 4.75	113 500-NH3-G (03- % Rec. Qual 3-03-004-001)	80-120 03-004-001 Limits Project: Limits 75-125	Project: 423001 Truevalue LT Valu 3,47	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen LCS:WG55039-10 Matrix: Parameter	.25 L20541-1 Mdl .25 trix: SALTW Mdl .25 OTHR SOLID Mdl	.5 Adtrix: S Rd1 .5 VTRSED I Rd1 .5 Listtyr Rd1	mg/Kg Units mg/Kg Listtype: Units mg/Kg Units Units Units Units	Listtype SampValue 3.5 CVNH3 Met: SampValue 3.5 Method: S	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25 M4500-NH3-	ethod: SM45 LD Value 3.45 O-NH3-G (03 MS Value 4.75 G (03-03-00)	113 500-NH3-G (03- % Rec. Qual 3-03-004-001) % Rec. Qual 100 04-001) Proje e % Rec. Qual	80-120 03-004-001 Limits Project: Limits 75-125 ct: PKe	Project: 423001 Truevalue LT Valu 3,47 423001 PKey: SEI	PKey: SED e % Rec. Qua		RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen LCS:WG55039-10 Matrix: Parameter	.25 L20541-1 Mdl .25 trix: SALTW Mdl .25 OTHR SOLID	.5 fatrix: S Rdl .5 VTRSED I Rdl .5	mg/Kg Units mg/Kg Listtype: Units mg/Kg	Listtype SampValue 3.5 CVNH3 Met: SampValue 3.5 Method: S	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25	1.41 lethod: SM45 le LD Value 3.45 lO-NH3-G (03 le MS Value 4.75	113 500-NH3-G (03- % Rec. Qual 3-03-004-001) % Rec. Qual 100 04-001) Proje	80-120 03-004-001 Limits Project: Limits 75-125	Project: 423001 Truevalue LT Valu 3,47 423001 PKey: SEI	PKey: SED e % Rec. Qua		RPD/RSD Qual 1 RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen LCS:WG55039-10 Matrix: Parameter	.25 L20541-1 Mdl .25 trix: SALTW Mdl .25 OTHR SOLID Mdl	.5 Adtrix: S Rd1 .5 VTRSED I Rd1 .5 Listtyr Rd1	mg/Kg Units mg/Kg Listtype: Units mg/Kg Units Units Units Units	Listtype SampValue 3.5 CVNH3 Met: SampValue 3.5 Method: S	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25 M4500-NH3-	ethod: SM45 LD Value 3.45 O-NH3-G (03 MS Value 4.75 G (03-03-00)	113 500-NH3-G (03- % Rec. Qual 3-03-004-001) % Rec. Qual 100 04-001) Proje e % Rec. Qual	80-120 03-004-001 Limits Project: Limits 75-125 ct: PKe	Project: 423001 Truevalue LT Valu 3,47 423001 PKey: SEI	PKey: SED e % Rec. Qua		RPD/RSD Qual 1 RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen LCS:WG55039-10 Matrix: Parameter	.25 L20541-1 Mdl .25 trix: SALTW Mdl .25 OTHR SOLID Mdl	.5 Adtrix: S Rd1 .5 VTRSED I Rd1 .5 Listtyr Rd1	mg/Kg Units mg/Kg Listtype: Units mg/Kg Units Units Units Units	Listtype SampValue 3.5 CVNH3 Met: SampValue 3.5 Method: S	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25 M4500-NH3-	ethod: SM45 LD Value 3.45 O-NH3-G (03 MS Value 4.75 G (03-03-00)	113 500-NH3-G (03- % Rec. Qual 3-03-004-001) % Rec. Qual 100 04-001) Proje e % Rec. Qual	80-120 03-004-001 Limits Project: Limits 75-125 ct: PKe	Project: 423001 Truevalue LT Valu 3,47 423001 PKey: SEI	PKey: SED e % Rec. Qua		RPD/RSD Qual 1 RPD/RSD Qual	Limi 20
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen	.25 L20541-1 Mdl .25 trix: SALTW Mdl .25 OTHR SOLID Mdl	.5 Adtrix: S Rd1 .5 VTRSED I Rd1 .5 Listtyr Rd1	mg/Kg Units mg/Kg Listtype: Units mg/Kg Units Units Units Units	Listtype SampValue 3.5 CVNH3 Met: SampValue 3.5 Method: S	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25 M4500-NH3-	ethod: SM45 LD Value 3.45 O-NH3-G (03 MS Value 4.75 G (03-03-00)	113 500-NH3-G (03- % Rec. Qual 3-03-004-001) % Rec. Qual 100 04-001) Proje e % Rec. Qual	80-120 03-004-001 Limits Project: Limits 75-125 ct: PKe	Project: 423001 Truevalue LT Valu 3,47 423001 PKey: SEI	PKey: SED e % Rec. Qua		RPD/RSD Qual 1 RPD/RSD Qual	Limit 20 Limit
Ammonia Nitrogen LD:WG55039-7 LT:WG55039-8 Parameter Ammonia Nitrogen MS:WG55039-9 L20541-1 Ma Parameter Ammonia Nitrogen LCS:WG55039-10 Matrix: Parameter	.25 L20541-1 Mdl .25 trix: SALTW Mdl .25 OTHR SOLID Mdl	.5 Adtrix: S Rd1 .5 VTRSED I Rd1 .5 Listtyr Rd1	mg/Kg Units mg/Kg Listtype: Units mg/Kg Units Units Units Units	Listtype SampValue 3.5 CVNH3 Met: SampValue 3.5 Method: S	1.25 : CVNH3 M e Truevalu hod: SM450 e Truevalu 1.25 M4500-NH3-	ethod: SM45 LD Value 3.45 O-NH3-G (03 MS Value 4.75 G (03-03-00)	113 500-NH3-G (03- % Rec. Qual 3-03-004-001) % Rec. Qual 100 04-001) Proje e % Rec. Qual	80-120 03-004-001 Limits Project: Limits 75-125 ct: PKe	Project: 423001 Truevalue LT Valu 3,47 423001 PKey: SEI	PKey: SED e % Rec. Qua		RPD/RSD Qual 1 RPD/RSD Qual	Limi 20 Limi

Page 1

METRO Environmental Laboratory

WORK GROUP REPORT (wk02)

May 21 2001, 02:32 pm

Work Group: WG55467 (MercerSt PSD (ROSA)) for Department: 3 - Conventionals

Created: 21-MAY-01 Due: Operator: BP

-1 423001	Mercer Street Tunnel	SED	S PSD	SALTWIRSED ANAL U	J 04-JUN-01 04-JUN-01
-11 423001	Mercer Street Tunnel	57.74.4554.455	S PSD	SALTWIRSED ANAL U	programme process and a second of the second
-12 423001	Mercer Street Tunnel	2,000,000,000	S PSD	SALTWTRSED ANAL U	NG000000000000000000000000000000000000
13 423001	Mercer Street Tunnel	SED	s PSD	SALTWIRSED ANAL U	
-15 423001	Mercer Street Tunnel	6.555.4154	s PSD	SALTWIRSED ANAL U	T0005500000000000000000000000000000000
16 423001	Mercer Street Tunnel	4500000	S PSD	SALTWTRSED ANAL U	AND AND AND AND AND AND AND AND AND AND
-17 423001	Mercer Street Tunnel	27 TANAGA 21	S PSD	SALTWITESED ANAL U	Actual Control of Cont
2 423001	Mercer Street Tunnel		S PSD	SALTWIRSED ANAL U	proceduration of Association (CA)
-3 423001 -4 423001	Mercer Street Tunnel Mercer Street Tunnel		S PSD S PSD	SALTWIRSED ANAL U SALTWIRSED ANAL U	10000000000000000000000
÷5 423001	Mercer Street Tunnel	400405564	S PSD	SALTWIRSED ANAL U	
-6 423001	Mercer Street Tunnel	200000000	S PSD	SALTWIRSED ANAL U	55,000,500,500,000,000,00
-7 423001	Mercer Street Tunnel	. SED	S PSD	SALTWIRSED ANAL U	
-B 423001	Mercer Street Tunnel	SED	S PSD	SALTWIRSED ANAL U	U 0 4-Jün -91 04-JUN-01
-9 423001	Mercer Street Tunnel	SED	S PSD	SALTWIRSED ANAL U	04-JUN-01 04-JUN-01
ts:					
-1 CHEM: comp-3 /	TAY . won 2				
-1 CHEM: comp-3 / -11 CHEM: comp-3 /	-	10000000			
-12 CHEM: comp-3 /	=	1000000			
-13 CHEM FREP	-				
+15 CHEM: comp-3 /	TAX: rep-3				
-16 CHEM: comp-3 /	_	2000			
-17 CHEM: comp-3 /					
-2 CHEM: comp-3 /	=				
-3 CHEM: comp-3 / -4 CHEM: comp-3 /					
-5 CHEM: COMp-3 /					
-6 CHEM: comp-3 /	-				
-7 CHEM: comp-3 /					
-8 CHEM: comp-3 /	TAX: rep-3				
-9 CHEM: comp-3 /	TAX: rep-3				
		1,4378-60			
	•				
					54 4 5 5 5 5 4 7 10 6 5 6 5 5 1 1 5 4 5 5 6 6 5 6 5 6 5 6 5 6 5 6 5 6 6 6 6
2.40 (4.00) Note: 1.20 (4.00)					
Parisonari Indonesia					

PROJECT: King County Environmental Lab

Project No.: 423001

REGL Triplicate Sample ID:

22794

Batch No.: 1011-020 -01

Client Triplicate Sample ID:

L20541-1

Page: 1 of 1

Relative Standard Deviation, By Component

Sample ID	Gravel	Sand	Silt	Clay
L20541-1 A	7.7	30.1	44.4	17.8
L20541-1 B	10.5	28.6	42.8	18.1
L20541-1 C	8.9	28.6	44.6	17.9
AVE	9.03	29.10	43.92	17.94
STDEV	1.43	0.86	1.01	0.16
%RSD	15.83	2.97	2.30	0.89

Notes to the Testing:

1. See narrative for discussion of testing.

WORK GROUP REPORT (wk02)

May 21 2001, 02:35 pm

Work Group: WG55468 (MercerSt PSD (ROSA)) for Department: 3 - Conventionals

Created: 21-MAY-01 Due: Operator: BP

41-10 41-14 41-18 41-19	423001 423001 423001 423001	Mercer Mercer	Street Street Street Street	Tunnel Tunnel	SED SED	S PSD S PSD S PSD S PSD		SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED	ANAL U ANAL U	04-JUN-01 04-JUN-01	04-JUN-03
ents:											
41-10	CHEM: comp-3 /	'TAX: re	ep-3								
41-14	CHEM: comp-3 /	' TAX: re	ep-3								
11-10	CHEM FREP	IAK. I	cp 3								
	•										
							Š.				

Rosa Environmental and Geotechnical Laboratory, LLC

QA SUMMARY

PROJECT: King County Environmental Lab Project No.: 423001

REGL Triplicate Sample ID:

22822

Batch No.: 1011-021 -01

Client Triplicate Sample ID:

N/A

Page: 1 of 1

Relative Standard Deviation, By Component

Sample ID	Gravel	Sand	Silt	Clay
Α	0.9	78.8	16.6	3.7
В	0.3	77.3	18.6	3 .8
С	0.2	78.4	17.4	4.0
AVE	0.44	78.21	17.51	3.84 /
STDEV	0.40	0.77	0.99	0.17
%RSD	32.30	0.99 ~	5.67	4.43

Notes to the Testing:

- 1. See narrative for discussion of testing.
- 2. The shaded box represents <10% of the sample. The QC sample does not need to be reanalyzed, since it is assumed higher variability, is due to the low level of this category in the sample rather than a systematic failure. Please refer to subcontract agreement Section 3.3.5.2 for the full explanation.

WORK GROUP REPORT (wk02)

May 21 2001, 02:08 pm

Work Group: WG54881 (MercerSt TotSulfide(ROSA)) for Department: 3 - Conventionals

Created: 20-APR-01 Due:

Operator: BP

Sample	Project Number	Droipet Deser	infim			Product	Matrix	Stat (A Workdate	Duedate
Sample	TIGIECC MUNDEL	eralerr peact	***************************************	****						
20541-1	423001	Mercer Street	Tunnel	SED	s	TOTSULFIDE	SALTWTRSED	ANAL U	04-JUN-01	04-JUN-01
20541-11	423001	Mercer Street		0.0000000000000000000000000000000000000		TOTSULFIDE	SALTWTRSED	600 0000 0000		
20541~12	423001	Mercer Street				TOTSULFIDE	SALTWTRSED			
20541-13	423001	Mercer Street		200000000000000000000000000000000000000	:	TOTSULFIDE	SALTWTRSED	2.7.7.7.444.2554	200000000000000000000000000000000000000	
20541-15	423001	Mercer Street				TOTSULFIDE	SALTWTRSED			
20541-15	423001	Mercer Street		440,000,000		TOTSULFIDE	SALTWTRSED	300000000	200000000000000000000000000000000000000	
20541-17	423001	Mercer Street		14.74.74.74.74.74		TOTSULFIDE	SALTWTRSED	************************************	0.0000000000000000000000000000000000000	
20541-2	423001	Mercer Street		100000000000000000000000000000000000000		TOTSULFIDE	SALTWTRSED			
20541-3	423001	Mercer Street				TOTSULFIDE	SALTWTRSED			
20541-4		Mercer Street				TOTSULFIDE	SALTWTRSED			
********	423001 423001	Mercer Street				TOTSULFIDE	SALTWIRSED	200000000000000000000000000000000000000		
20541-5				200000000000		TOTSULFIDE	SALTWIRSED	100000000000000000000000000000000000000	0.0000000000000000000000000000000000000	
20541-6	423001	Mercer Street				TOTSULFIDE	SALTWIRSED		**************************************	
20541-7	423001	Mercer Street				TOTSULFIDE	SALTWIRSED	eliciele interior	ACCOMPANIES AND ACCOMPANIES	
20541-B	423001	Mercer Street		200000000000000000000000000000000000000				199000-1-1990		
20541-9	423001	Mercer Street	runner	อนบ	3	TOTSULFIDE	SALTWTRSED	with (04-JUN-01	04-00N-01
				5/39/9959 5/38/9/55						
omments:				2000 (2000) 832 (2004)				0000000		
								2000000000 000000000		-
20541-1	CHEM: comp-3 /									
20541-11	CHEM: comp-3 /			0.000.00000						
20541-12	CHEM: comp-3 /	TAX: rep-3						0.000000000 000000000		
20541-13	CHEM FREP			23333434 2333343						
20541-15	CHEM: comp-3 /	TAX: rep-3		2000000				900000000		
20541-16	CHEM: comp-3 /	TAX: rep-3		10000000				500000		
20541-17	CHEM: comp-3 /	TAX: rep-3		12.43				00000000		
20541-2	CHEM: comp-3 /	TAX: rep-3		701,761,050 801,054,045						
20541-3	CHEM: comp-3 /	TAX: rep-3		1000				1.00000		
20541+4	CHEM: comp-3 /	TAX: rep-3		100000000000000000000000000000000000000						
20541-5	CHEM: comp-3 /	TAX: rep-3		200,700,000 200,700,700						
20541-6	CHEM: comp-3 /	TAX: rep-3								
20541~7	CHEM: comp-3 /									
20541~8	CHEM: comp-3 /			1.60.600						
20541-9	CHEM: comp-3 /									
		· · · •		500 2000000 500 0000000						
								21.00		
				9800000					00000000000000000000000000000000000000	
				500000						
				20000						
				100000				100000		
				\$20 A.S				10.000		
				5000.005				900000		
				199				2000		
				11.00					and All	
								1000		
								199		
				- 338				340.00		
				1 (4.4)						
								156		
										•
and the agreement of the con-										
				1.44						



QA Report - Method Blank Analysis

QC Report No: CZ24-REGL, LLC

Matrix: Sediment

04161#1

Project: 1011-020

Date Received: NA

Data Release Authorized: Reported: 05/23/01 Dr. MA

Dr. M.A. Perkins

METHOD BLANK RESULTS
CONVENTIONALS

Analysis

Date & Batch Constituent Units Result

Method Blank
04/16/01 Sulfide mg/L < 0.05 U



QA Report - Replicate Analysis

QC Report No: CZ24-REGL, LLC

Matrix: Sediment

Project: 1011-020

Date Received: 04/13/01

Data Release Authorized:

Reported: 05/23/01 Dr. M.A. Perkins

Reported: 05/23/01

REPLICATE ANALYSIS RESULTS CONVENTIONALS

-	Constituent	Units	Sample Value	Replicate Value(s)	RPD/RSD
	ARI ID: 01-5729, CZ24 C	Client Sample I	D: L20541-3		
	Sulfide	mg/kg	12.0	11.0 10.0	RSD: 9.1%
	ARI ID: 01-5738, CZ24 L	Client Sample I	D: L20541-13		
	Sulfide	mg/kg	28.0	29.0 31.0	RSD: 5.2%



QA Report - Matrix Spike/Matrix Spike Duplicate Analysis

QC Report No: CZ24-REGL, LLC

Matrix: Sediment

Project: 1011-020 Date Received: 04/13/01

Data Release Authorized

Dr. M.A. Perkins Reported: 05/23/01

MATRIX SPIKE QA/QC REPORT CONVENTIONALS

Constituent	Units	Sample Value	Spike Value	Spike Added	Recovery	•
ARI ID: 01-5729, CZ24 C	Client Sample ID:	L20541-3				
Sulfide	mg/kg	12	160	180	82.3%	
ARI ID: 01-5738, CZ24 L	Client Sample ID:	L20541-13				•
Sulfide	mg/kg	28	138	147	74.7% Rounds to	,7 5%

MS/MSD Recovery Limits: 75 - 125 %

Soil MS/MSD QA Report Page 1 for CZ24 received 04/13/01

WORK GROUP REPORT (wk02)

May 21 2001, 02:35 pm

Work Group: WG55196 (MercerSt Sulfide (ROSA)) for Department: 3 - Conventionals

Created: 07-MAY-01 Due: Operator: BP

0541-10 0541-14 541-18 541-19	423001 423001 423001 423001	Mercer Mercer	Street Street Street Street	Tunnel Tunnel	SED SED	S TOTSULFIDE S TOTSULFIDE S TOTSULFIDE S TOTSULFIDE	SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED	ANAL U ANAL U	04-JUN-01 04-JUN-01	04-JUN-01 04-JUN-01
mments:										
541-10 541-14 5541-18 5541-19	CHEM: comp-3 / CHEM: comp-3 / CHEM: comp-3 / CHEM FREP	TAX: r	ep-3							
ı,										



QA Report - Method Blank Analysis

QC Report No: DA20-REGL, LLC

Project: 1011-21

Date Received: NA

Data Release Authorized: (M

Reported: 05/04/01

Matrix: Sediment

Dr. M.A. Perkins

METHOD BLANK RESULTS
CONVENTIONALS

Analysis

Date & Batch Constituent Units Result

Method Blank
04/25/01 Sulfide mg/L < 0.05 U
04251#1



OA Report - Matrix Spike/Matrix Spike Duplicate Analysis

QC Report No: DA20-REGL, LLC Matrix: Sediment

Project: 1011-21

Date Received: 04/23/01

Data Release Authorized: Reported: 05/04/01

MATRIX SPIKE QA/QC REPORT CONVENTIONALS

-	Constituent	Units	Sample Value	Spike Value	Spike Added	Recovery
-	ARI ID: 01-6277, DA20 A	Client Sample ID:	L20541-10			
	Sulfide	mg/kg	60	257	376	52.3%

MS/MSD Recovery Limits: 75 - 125 %

Soil MS/MSD QA Report Page 1 for DA20 received 04/23/01



QA Report - Replicate Analysis

QC Report No: DA20-REGL, LLC

Project: 1011-21

Date Received: 04/23/01

Data Release Authorized:

Matrix: Sediment

Reported: 05/04/01 Dr. M.A. Perk:

REPLICATE ANALYSIS RESULTS CONVENTIONALS

Constituent	Units	Sample Value	Replicate Value(s)	RPD/RSD
Collectedenc		74240	V4240 (5)	
ARI ID: 01-6277, DA20 A	Client Sample	ID: L20541-10		
Sulfide	mg/kg	60.0	58.0	RSD: 1.7%
			59.0	

QA Report - Laboratory Control Samples



QC Report No: DA20-REGL, LLC

Project: 1011-21

Date Received: NA

Data Release Authorized MC Reported: 05/04/01 Dr. M.A. Perkins

Reported: 05/04/01

LABORATORY CONTROL SAMPLES CONVENTIONALS

		Measured	True	
Constituent	Units	Value	Value	Recovery
Laboratory Control Sampl	.e			
 Sulfide	mg/L	8.00	8.66	92.4%
Date analyzed: 04/25/01	Batch ID: 042	51#1		

WORK GROUP REPORT (wk02)

Apr 17 2001, 09:12 am

Work Group: WG54770 (denny way tots #1) for Department: 3 - Conventionals

Created: 16-APR-01 Due: Operator: gmw

Sample	Project Numbe	Project Descr	iption	PKey	C Product	Matrix	Stat UA	Workdate	Duedate
L20541-1 L20541-2 L20541-3 L20541-3 L20541-4 L20541-4 L20541-5 L20541-6 L20541-7 L20541-7 L20541-7 L20541-8 WG54770-1 WG54770-5 WG54770-5 Comments: L20541-1 L20541-1 L20541-1 L20541-1 L20541-1 L20541-1 L20541-1 L20541-1 L20541-1 L20541-1 L20541-1 L20541-2 L20541-3 L20541-6 L20541-6 L20541-7 L20541-6 L20541-7 L20541-8 WG54770-2 WG54770-3 WG54770-3 WG54770-3 WG54770-3 WG54770-3 WG54770-3 WG54770-6	423001 CHEM: comp-3 / C	Mercer Street Mercer Street	Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel Tunnel	SED SED SED SED SED SED SED SED SED SED	S TOTS S TVS S TOTS S TVS S TOTS S TVS S TOTS S TVS S TOTS S TVS S TOTS S TVS S TOTS S TVS S TOTS	SALTWTRSED SALTWTRSED	ANAL U ANAL U	16-APR-01 16-APR-01 16-APR-01 16-APR-01 16-APR-01 16-APR-01 16-APR-01 17-APR-01 17-APR-01 16-APR-01 16-APR-01 16-APR-01 16-APR-01 16-APR-01	25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 26-MAY-01 26-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01 25-MAY-01
									•

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 04/17/01 03:51 Run ID: R65154 Workgroup: WG54770 (denny way tots #1)

### Parameter Md1 Rd1 Units MB Value Qual Total Solids .005 .01 % cMDL LD:WG54770-2 LT:WG54770-3 L20541-4 Matrix: SALTWTRSED Listtype: CVTOTS Method; SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Md1 Rd1 Units SampValue Truevalue LD:Value % Rec. Qual Limits Truevalue LT Value % Rec. Qual Limits RPD/RSD Qual Limits Total Solids .005 .01 % 50.4 50.8 51.1 1 20 MB:WG54770-4 Matrix: OTHR SOLID Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED	MB:WG54770-1 Matr	rix: OTHR SOLID	Listtype	: CVTOTS M	ethod: SM2	540-G (03-01-007-001)	Project: 42	3001 PK	ey: SED			
Total Solids .005 .01												
Parameter Mdl Rdl Units SampValue Truevalue LD Value & Rec. Qual Limits Truevalue LT Value & Rec. Qual Limits RPD/RSD Qual Limit. Total Solids .005 .01 & 50.4 50.8 51.1 1 20 MB:WG54770-4 Matrix: OTHR SOLID Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units MB Value Qual Total Volatile Solids .005 .01 & Matrix: SALTWTRSED Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value & Rec. Qual Limits Truevalue LT Value & Rec. Qual Limits RPD/RSD Qual Limits RPD/R	Total Solids					Qual						
Parameter Mdl Rdl Units SampValue Truevalue LD Value & Rec. Qual Limits Truevalue LT Value & Rec. Qual Limits RPD/RSD Qual Limit. Total Solids .005 .01 & 50.4 50.8 51.1 1 20 MB:WG54770-4 Matrix: OTHR SOLID Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units MB Value Qual Total Volatile Solids .005 .01 & Matrix: SALTWTRSED Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value & Rec. Qual Limits Truevalue LT Value & Rec. Qual Limits RPD/RSD Qual Limits RPD/R												
Parameter Mdl Rdl Units SampValue Truevalue LD Value & Rec. Qual Limits Truevalue LT Value & Rec. Qual Limits RPD/RSD Qual Limit. Total Solids .005 .01 & 50.4 50.8 51.1 1 20 MB:WG54770-4 Matrix: OTHR SOLID Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units MB Value Qual Total Volatile Solids .005 .01 & Matrix: SALTWTRSED Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value & Rec. Qual Limits Truevalue LT Value & Rec. Qual Limits RPD/RSD Qual Limits RPD/R												
Total Solids OSS O1 \$ 50.4 50.8 Fruevalue Li Value	LD:WG54770-2 LT:WG547	770-3 L20541-4	Matrix:	SALTWTRSED	Listtype:	CVTOTS Method: SM2	540-G (03-01-0	07-001)	Project: 423001 PK	ey: SED		
MB:WG54770-4 Matrix: OTHR SOLID Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Md1 Rd1 Units MB Value Qual Total Volatile Solids .005 .01 % AMDL LD:WG54770-5 LT:WG54770-6 L20541-4 Matrix: SALTWTRSED Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Md1 Rd1 Units SampValue Truevalue LD Value % Rec. Qual Limits Truevalue LT Value % Rec. Qual Limits RPD/RSD Qual Limits Total Volatile Solids .005 .01 % .2.67	Parameter	Mdl	Rdl	Units	SampValue	Truevalue LD Value	% Rec. Oual	lämits	Truevalue IT Value	% Pec Ouel Limits	PPD /PED Out 1	T 4 b
Parameter Mdl Rdl Units MB Value Qual Total Volatile Solids .005 .01 % <mdl %="" (03-01-007-001)="" .005="" 01="" 2.67<="" 423001="" cvtvs="" l20541-4="" ld="" ld:wg54770-5="" limits="" listtype:="" lt="" lt:wg54770-6="" matrix:="" mdl="" method:="" parameter="" pkey:="" project:="" qual="" rdl="" red.="" red;="" rpd="" rsd="" saltwtrsed="" sampvalue="" sed="" sm2540-0="" solids="" td="" total="" truevalue="" units="" value="" volatile=""><td>Total Solids</td><td>.005</td><td>.01</td><td>*</td><td>50.4</td><td>50.8</td><td></td><td></td><td>51.1</td><td>* RCC. Quar Dimits</td><td>1</td><td></td></mdl>	Total Solids	.005	.01	*	50.4	50.8			51.1	* RCC. Quar Dimits	1	
Parameter Mdl Rdl Units MB Value Qual Total Volatile Solids .005 .01 % <mdl %="" (03-01-007-001)="" .005="" 01="" 2.67<="" 423001="" cvtvs="" l20541-4="" ld="" ld:wg54770-5="" limits="" listtype:="" lt="" lt:wg54770-6="" matrix:="" mdl="" method:="" parameter="" pkey:="" project:="" qual="" rdl="" red.="" red;="" rpd="" rsd="" saltwtrsed="" sampvalue="" sed="" sm2540-0="" solids="" td="" total="" truevalue="" units="" value="" volatile=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>All Aller</td><td></td></mdl>											All Aller	
Parameter Mdl Rdl Units MB Value Qual Total Volatile Solids .005 .01 % <mdl %="" (03-01-007-001)="" .005="" 01="" 2.67<="" 423001="" cvtvs="" l20541-4="" ld="" ld:wg54770-5="" limits="" listtype:="" lt="" lt:wg54770-6="" matrix:="" mdl="" method:="" parameter="" pkey:="" project:="" qual="" rdl="" red.="" red;="" rpd="" rsd="" saltwtrsed="" sampvalue="" sed="" sm2540-0="" solids="" td="" total="" truevalue="" units="" value="" volatile=""><td>MD.WCE4770 4 Man</td><td> OTHER COLUM</td><td>• • • • • • • • • • • • • • • • • • •</td><td></td><td>e gentelbaghen blaubbagsam</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl>	MD.WCE4770 4 Man	OTHER COLUM	• • • • • • • • • • • • • • • • • • •		e gentelbaghen blaubbagsam							
Total Volatile Solids .005 .01 \$ <mdl (03-01-007-001)="" *="" .005="" 01="" 2.67<="" 423001="" cvtvs="" l20541-4="" ld="" ld:wg54770-5="" limits="" listtype:="" lt:value="" lt:wg54770-6="" matrix:="" mdl="" method:="" parameter="" pkey:="" project:="" qual="" rdl="" rec.="" rec;="" rpd="" rsd="" saltwtrsed="" sampvalue="" sed="" sm2540-g="" solids="" td="" total="" truevalue="" units="" value="" volatile=""><td></td><td>IX: OTHE SOLID</td><td>Listtype</td><td>:: CVIVS Me</td><td>thod: SM254</td><td>10-G (03-01-007-001)</td><td>Project: 423</td><td>001 PKe</td><td>y: SED</td><td></td><td></td><td></td></mdl>		IX: OTHE SOLID	Listtype	:: CVIVS Me	thod: SM254	10-G (03-01-007-001)	Project: 423	001 PKe	y: SED			
LD:WG54770-5 LT:WG54770-6 L20541-4 Matrix: SALTWTRSED Listtype: CVTVS Method: SM2540-G (03-01-007-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value % Rec; Qual Limits Truevalue LT:Value % Rec. Qual Limits RPD/RSD Qual Limit. Total Volatile Solids 005 01 % 2.67	Parameter					Qual						
Parameter Mdl Rdl Units SampValue Truevalue LD Value * Rec; Qual Limits Truevalue LT Value * Rec. Qual Limits RPD/RSD Qual Limits Total Volatile Solids 005 01 * 2.67	Total Volatile Solids	.005	. 01	*	<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>							
Parameter Mdl Rdl Units SampValue Truevalue LD Value * Rec; Qual Limits Truevalue LT Value * Rec. Qual Limits RPD/RSD Qual Limits Total Volatile Solids 005 01 * 2.67												
Parameter Mdl Rdl Units SampValue Truevalue LD Value * Rec; Qual Limits Truevalue LT Value * Rec. Qual Limits RPD/RSD Qual Limits Total Volatile Solids 005 01 * 2.67	LD:WG54770-5 LT:WG547	770-6 L20541-4	Matrix:	SALTWTRSED	Listtype:	CVTVS Method: SM254	0-c (03-07-00	7-001) p	roject: 423001 DMA	v. opn		
Total Volatile Solids 005 01 2 2 67												
				Units %	SampValue	Truevalue LD Value	% Rec. Qual	Limits	Truevalue LT Value	% Rec. Qual Limits		
									2.0		2	20
			r S									

WORK GROUP REPORT (wk02)

Apr 24 2001, 03:39 pm

Work Group: WG54933 (mercer st./denny way TOTS/TVS #2) for Department: 3 - Conventionals

Created: 24-APR-01 Due: Operator: gmw

	creaced.	zi mik vi buc.	operacor. g				
ample Project N	umber Project Description	PKey C Prod	ıct.	Matrix s	stat UA Wo	xkdate	Duedate
							
20541-10 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED A	NAL U 26	-APR-01	04-JUN-01
20541-10 423001	Mercer Street Tunnel	SED S TVS		SALTWTRSED A	NAL U 26	-APR-01	04-JUN-01
0541-11 423001	Mercer Street Tunnel	SED S TOTS		SALTWTRSED A	NAL U 17	-APR-01	26-MAY-01
0541-11 423001	Mercer Street Tunnel	SED S TVS		SALTWIRSED A	NAL U 17	-APR-01	26-MAY-01
0541-12 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED #	Market A. Control	6000 C 0000 APA	26-MAY-01
0541-12 423001	Mercer Street Tunnel	SED S TVS		SALTWTRSED #	1000000		26-MAY-01
0541-13 423001	Mercer Street Tunnel	SED S TOTS		SALTWTRSED #		11. 44. 40.	26-MAY-01
0541-13 423001	Mercer Street Tunnel	SED S TVS		SALTWIRSED A	2000000	tina a material and the second	26-MAY-01
9541-14 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED A	M60 00 100		04-JUN-03
)541-14 423001	Mercer Street Tunnel	SED S TVS		SALTWIRSED A			04-JUN-01
541-15 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED A	20000000 200	11,000	26-MAY-0
541-15 423001	Mercer Street Tunnel	SED S TVS		SALTWIRSED A	8008000 RRR	Control of the Contro	26-MAY-0
541-15 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED A	0000000 00.00		26-MAY-0
Margar (1000)	Mercer Street Tunnel	SED S TVS		SALTWIRSED A			
541-16 423001		220000000 0000000000		1 (1)	00000000 0000		26-MAY-0
541-17 423001	Mercer Street Tunnel	0.0000000 0.0000000000		SALTWIRSED A	2000-2000 2000-00		26-MAY-0
541-17 423001	Mercer Street Tunnel	SED S TVS		SALTWIRSED A		0.00 (0.0000000000000000000000000000000	26-MAY-0
541-18 423001	Mercer Street Tunnel	sed s tvs		SALTWIRSED A			04 - JUN - 0
541-18 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED A	00000000 00000		04-JUN-02
541-19 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED A	values and the same	and not the graph and the good in	04 - JUN - 01
541-19 423001	Mercer Street Tunnel	SED S TVS		SALTWIRSED A			04-JUN-01
541-9 423001	Mercer Street Tunnel	SED S TOTS		SALTWIRSED A	000,0000 0000		26-MAY-01
541-9 423001	Mercer Street Tunnel	SED S TVS		SALTWIRSED A	NAL U 17	-APR-01	26-MAY-01
4933-1 MB		S TOTS		OTHR SOLID A	NALU 24	-APR-01	
4933-1 MB		S TVS		OTHR SOLID A	NALU 24	-APR-01	
4933-2 LD		SED S TOTS		SALTWIRSED A	NALU 24	-APR-01	
4933-2 LD		SED S TVS		SALTWIRSED A	NAL U 24	-APR-01	
4933~3 LT		SED S TOTS		SALTWTRSED A	NALU 24	-APR-01	
4933-3 LT		sed s tvs		SALTWIRSED A	NAL U 24	-APR-01	
ments:				į.			
1541-10 CHEM: comp	o-3 / TAX: rep-3						
CONTRACTOR OF THE CONTRACTOR O	o-3 / TAX: rep-3			100			
PROPERTY PROPERTY PROPERT	o-3 / TAX: rep-3			i i i i i i i i i i i i i i i i i i i			
541-13 CHEM FREP	, 5 , 12mt. 1cp 5			<u>(e</u>			
	o-3 / TAX: rep-3						
**************************************	o-3 / TAX: rep-3						
	o-3 / TAX: rep-3						
	0-3 / TAX: rep-3						
	o-3 / TAX: rep-3			*			
	5-3 / IAX: Tep-3			8.3			
541-19 CHEM FREP	-2 / TAY: ron-3						
	o-3 / TAX: rep-3	그 생생들이 얼마됐다		i i			
1933-2 L20541-19	***************************************						
1933-3 WG54933-2	L20541-19					a beid	
				į.		5 15 PRESENTE:	
		그 살림 - 기교회를			\$1.00 PM		
		그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그					
		그 사람의 그렇게 :					
Basic Adams							

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 04/30/01 08:23
Run ID: R65732 Workgroup: WG54933 (mercer st./denny way TOTS/TVS #2)

Parameter	Mdl	Rdl	Units	MB Value	Qual							
Total Solids	.005	.01	*	<mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>								
											* Beeng	
MB:WG54933-1 Matrix:	OTHR SOLID I	isttvoe	: CVTVS Met	hod: SM254	.o-G (03-0:	+007+001)	Project: 423	ROOT PKA	y: SED			
Parameter												
Total Volatile Solids	.005	Rdl .01	Units %	MB Value	Qual							
LD:WG54933-2 LT:WG54933-3	L20541-19	Matrix:	SALTWTRSED	Listtype:	CVTOTS 1	Method: SM	2540-G (03-01	-007-001)	Project: 423001 PKey	: SED		
Parameter	Mdl	Rdl	Units	SampValue	Truevalue	LD Value	% Rec. Qual	Limits	Truevalue LT Value 4	Rec. Qual Limits	RPD/RSD Qual	Limit
Total Solids	.005	.01	ŧ	69.5		69			68,8		1	20
LD:WG54933-2 LT:WG54933-3	L20541-19	Matrix:	SALTWIRSED	Listtype:	CVTVS M	: ethod: SM2	540-G (Q3-01-0	007-001)	Project: 423001 PKey:	SED		
Parameter	Md1	Rd1							Truevalue LT Value 1		555 /555 6 1	
Total Volatile Solids	.005	.01	3	1.77	Truevalue	1.78	* Rec. Quar	Dimits	1.71	Rec. Qual Limits	RPD/RSD Qual	20
	44.											
		R.										
						6 3 3 3	-					
						.,	ana ana ang atawa ana ang 1866.	 a andreas representation in the 	A CONTROL OF THE PROPERTY AND A CONT	200000000000000000000000000000000000000		

WORK GROUP REPORT (wk02)

May 16 2001, 04:16 pm

Work Group: WG54923 (mercer st. tunnel/denny way TOC #2) for Department: 3 - Conventionals

Created: 24-APR-01 Due: Operator: gmw

541-12 541-13	423001 423001	Mercer Street Tunnel Mercer Street Tunnel	SED SED	. 27				08-MAY-01 08-MAY-01	
541-14	423001	Mercer Street Tunnel	SED					17-MAY-01	
541-15	423001	Mercer Street Tunnel	SED		Annani Anian ani ani garaga garaga na ang mata mata			08-MAY-01	
541-16	423001	Mercer Street Tunnel	SED	100				08-MAY-01	
541-17	423001	Mercer Street Tunnel	SED				************	08-MAY-01	
541-18	423001	Mercer Street Tunnel	SED					17-MAY-01	
541-19	423001	Mercer Street Tunnel	SED SED					17-MAY-01	
541-9 ************************************	423001	Mercer Street Tunnel	SED	ST			26.10.71.71	08-MAY-01	04-JUN-U1
4923-1 4923-2	MB SRM		500000	SI		OTHR SOLID			
4923-2	LD		SED	ST	annanannan para sagada yar arediki, idilikadilik dijip sabb	SALTWIRSED		16-MAY-01	
4923-4	LT		SED	ST	ann na chtair ann ann ann a' chtaireann a beach i ceileann gha arin.	SALTWTRSED	** . *****	16-MAY-01	
ments:									
541-12	CHEM: comp-3	/ TAX: rep-3							
541-13	CHEM FREP	,							
541-14	CHEM: comp-3	/ TAX: rep-3	20122000 2000000	į.					
541-15	CHEM: comp-3			9			1953/2016 187 (1988)		
541-16	CHEM: comp-3	/ TAX: rep-3		- 187 187					
541-17	CHEM: comp-3						9086000 \$880880		
541+18	CHEM: comp-3	/ TAX: rep-3	20000000	į.			400000 000000		
541-19	CHEM FREP			3					
541-9	CHEM: comp-3	/ TAX: rep-3					\$3600 ·		
4923-2 4923-3	HICONC								
4923-3 4923-4	L20541-9 WG54923-3 L20	541_9	1,00						
	W034725 5 D20	341)	6-03-0 6-0803						
				- 10					
			- 100000000 - 10000000000000000000000000					186	
			800000	- 88					
			83973739 53973739	89					
				88					
							10000		
			india.						
				- 15					
			3.27.000						
				\$ P					
							111 4150 34 350		
							17 JEW 18 JEW		
				- 19					
				1					
				\$15.					

KING COUNTY METRO ENVIRONMENTAL LABORATORY

Lab QC Report - 05/21/01 07:36

Run ID: R66380 Workgroup: WG54923 (mercer st. tunnel/denny way TOC #2)

MB:WG54923-1 Matrix: 0	THE SOLID	Listtype	· CVTOC Me	thod: EPA4	nen-psapae	/ስኋ-ሰ4-ሰ	カラニがハモン	Project: 423001	Byour CDD	nash shakishka si sakish		
Parameter	Mdl	Rdl	Units	MB Value		,02 01 0	V2 UU1,	eroject. Jagoor	rkby: SED			
Total Organic Carbon	500	1000	mg/Kg	<mdl< th=""><th>Quai</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>	Quai							
SRM:WG54923-2 Matrix:	OTHR SOLID	Listtyp	e: CVTOC M	lethod: EPA	.9060+PSEP9	6 (03-04-	002-001)	Project: PK	(ey: SED			
Parameter	Mdl	Rdl	Units					Qual Limits				
Total Organic Carbon	500	1000	mg/Kg		33480	37000	111	80-120			RPD/RSD	Qual Limits
LD:WG54923-3 LT:WG54923-4	L20541-9	Matrix:	SALTWIRSED	Listtype:	CVTOC Me	thod: EPA	9060-PSEP	96 (03-04-002-0)01) Project: 4230)	Di PKey: SED		
Parameter	Mdl	Rdl	Units						Truevalue LT Value			
Total Organic Carbon	500	1000	mg/Kg	12100	riuevalue	11700	* Rec.	Quar Dimits	11devalue DI Value 11900	: & Rec. Qual Li	.mits RPD/RSD 2	Qual Limits 20
										대 당 - 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계		
												e e e e e e e e e e e e e e e e e e e
		Lakara										
		- 41 144 1864										
		98998 ₃										
			. com m (1995) (1996) (1996)	56	500000000000000000000000000000000000000		566000000000000000000000000000000000000	o 2000 000 000 000 000 000 000 000 000 0	000000000000000000000000000000000000000		o Tehen Stickel of	

WORK GROUP REPORT (wk02)

May 09 2001, 05:17 pm

Work Group: WG54769 (mercer st. tunnel/denny way TOC #1) for Department: 3 - Conventionals

Created: 16-APR-01 Due: Operator: gmw

1-1 423001 1-10 423001 1-11 423001 1-2 423001	Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel	SED SED SED	S TOC S TOC S TOC S TOC	SALTWTRSED SALTWTRSED SALTWTRSED	ANAL U ANAL U ANAL U		04-JUN-02 26-MAY-02 25-MAY-02
1-3 423001 1-4 423001	Mercer Street Tunnel Mercer Street Tunnel	SED	S TOC	SALTWTRSED SALTWTRSED	555 355 555	07-MAY-01 2 07-MAY-01 2	
1+5 423001	Mercer Street Tunnel	20.00.000	S TOC	SALTWIRSED	100000000000000000000000000000000000000	08-MAY-01 2	
1-6 423001	Mercer Street Tunnel	11 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	S TOC	SALTWTRSED		07-MAY-01 2	
1-7 423001	Mercer Street Tunnel		S TOC	SALTWTRSED	14.20.000000	07-MAY-01 2	
1-8 423001	Mercer Street Tunnel	SED	S TOC	SALTWTRSED		08-MAY-01 2	6-MAY-0
69-1 MB			S TOC	OTHR SOLID	5 - 12/2/2007	09-MAY-01	
69-2 SRM 69-3 LD	·	กรว	S TOC	OTHR SOLID SALTWIRSED		09-MAY-01 09-MAY-01	
69-4 LT			S TOC	SALTWIRSED	200000000000000000000000000000000000000	09-MAY-01	
nts:		1911					
	-3 / TAX: rep-3						
	-3 / TAX: rep-3 -3 / TAX: rep-3						
300 St 5000 5000 6	-3 / TAX: rep-3						
20000000000000000	-3 / TAX: rep-3						
L-4 CHEM: comp	-3 / TAX: rep-3			Ministra 	A9000000 1900000		
	-3 / TAX: rep-3			2000000 5000000 2000000			
	3 / TAX: rep-3				068888 20000		
	3 / TAX: rep-3						
-8 CHEM: comp	3 / TAX: rep-3	100					
9-3 L20541-3	12010						
9-4 WG54769-3 I	20541-3						
•					1000		
				. 900	00,000 2000,00		
				A 2007 2000 2000	1000		
		101.00g			696.04 888.07	7 76 30 30 30 30 30 30 30 30 30 30 30 30 30	
		1000					
		100.00					
		Aug 193					
		2000000000 200000000000000000000000000					
		i i i i i i i i i i i i i i i i i i i		000000 Traced Noticed	4.60		
		4.48		71000 2007			
		maraga j					
				Ţ.			

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 05/21/01 07:35
Run ID: R66384 Workgroup: WG54769 (mercer st. tunnel/denny way TOC #1)

Marrix Outs SULD Listops Cyfor Sethod; EMANGO-PERFOR FOLLOW PROJECT STATES CONTINUES AND SULD SULD SULD SULD SULD SULD SULD SUL	MP MCCATCO 3	THE COLUMN	* 3 _ Z x 0.0x 0.1			energia dependanta de como	on the state of th	salara Lindona Lindonarion	Office of the section of the section of			*************************************	
Total Organic Carbon 500 1000 mg/Kg <mdl (03-04-002-001)="" *="" 1000="" 111="" 33480="" 37200="" 423001="" 500="" 80+120="" carbon="" cvtoc="" epa9060-psep96="" kg="" l20541-3="" ld="" ld:wg54769-3="" limits="" limits<="" listtype:="" lt="" lt:wg54769-4="" matrix:="" mdl="" method:="" mg="" organic="" othr="" parameter="" pkey:="" project:="" qual="" rdl="" rec.="" rpd="" rsd="" saltwtrsed="" sampvalue="" sed="" solid="" srm="" srm:wg54769-2="" th="" total="" truevalue="" units="" value=""><th></th><th></th><th></th><th></th><th></th><th>°96 (03~04-0</th><th>02-001) Proje</th><th>ct: 423001</th><th>PKey; SED</th><th></th><th></th><th></th><th></th></mdl>						°96 (03~04-0	02-001) Proje	ct: 423001	PKey; SED				
Parameter Mdl Rdl Units SampValue Truevalue SRM Value * Rec. Qual Limits Total Organic Carbon 500 1000 mg/Kg 33480 37200 111 80+120 LD:WG54769-3 LT:WG54769-4 L20541-3 Matrix: SALTWTRSED Listtype: CVTOC Method: EPA9060-PSEP96 {03-04-002-001} Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value * Rec. Qual Limits Truevalue LT Value * Rec. Qual Limits RPD/RSD Qual Limits	Total Organic Carbon				<mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>								
Parameter Mdl Rdl Units SampValue Truevalue SRM Value * Rec. Qual Limits Total Organic Carbon 500 1000 mg/Kg 33480 37200 111 80+120 LD:WG54769-3 LT:WG54769-4 L20541-3 Matrix: SALTWTRSED Listtype: CVTOC Method: EPA9060-PSEP96 {03-04-002-001} Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value * Rec. Qual Limits Truevalue LT Value * Rec. Qual Limits RPD/RSD Qual Limits													
Total Organic Carbon 500 1000 mg/Kg 33480 37200 111 80+120 LD:WG54769-3 LT:WG54769-4 L20541-3 Matrix: SALTWTRSED Listtype: CVTOC Method: EPA9060+PSEP96 (03+04+002-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value % Rec Qual Limits Truevalue LT Value % Rec Qual Limits RPD/RSD Qual Limits	SRM:WG54769-2 Matrix:	OTHR SOLID	Listtype	e: CVTOC M	ethod: EPA9060-PSE	EP96 (03-04-	002-001) Proj	ect: PKe	ey: \$ED				
LD:WG54769-3 LT:WG54769-4 L20541-3 Matrix: SALTWTRSED Listtype: CVTOC Method: EPA9060-FSEP96 (03-04-002-001) Project: 423001 PKey: SED Parameter Mdl Rdl Units SampValue Truevalue LD Value % Rec. Qual Limits Truevalue LT Value % Rec. Qual Limits RPD/RSD Qual Limits	Parameter				SampValue Trueval	ue SRM Valu	e % Rec. Qual					RPD/RSD Qual	Limits
Parameter Mdl Rdl Units SampValue Truevalue LD Value % Rec. Qual Limits Truevalue LT Value % Rec. Qual Limits RPD/RSD Qual Limits	Total Organic Carbon	500	100 0	mg/Kg	33480	37200	111	80+120					
Parameter Mdl Rdl Units SampValue Truevalue LD Value % Rec. Qual Limits Truevalue LT Value % Rec. Qual Limits RPD/RSD Qual Limits													
	LD:WG54769-3 LT:WG54769-4	L20541+3	Matrix: 8	SALTWIRSED	Listtype: CVTOC	Method: EPA	9060-PSEP96 (0	3-04-002-00	01) Project: 423001	PKey: SED			
	Parameter Total Organic Carbon			Units mg/Kg	SampValue Trueval	ue LD Value	% Rec. Qual	Limits	Truevalue LT Value	% Rec. Qual	Limits		
	10442 01544120 0422011		1000	g/.ng	10700	10500			10200			2	20
											8		
											5 5 1		

METAL CHEMISTRY QC DATA

See Word Group WG55416 for Silver

METRO Environmental Laboratory

WORK GROUP REPORT (wk02)

May 17 2001, 08:31 am

Work Group: WG55254 (5/9/01 Mercer Tunnel Seds) for Department: 6 - Metals, Trace

Created: 09-MAY-01

Due: Operator: Kevin C.

							-
541-1	423001	Mercer S	Street Tunnel	SED	S SB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
541-1	423001	Mercer S	Street Tunnel	SED	S ZN-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
- 11-1	423001	Mercer S	Street Tunnel	SED	S AS-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-1	423001	Mercer S	Street Tunnel	SED	S CD-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-1	423001	Mercer S	Street Tunnel	SED	S PB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
541-1	423001	Mercer S	Street Tunnel	SED	S NI+ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
541-1	423001		Street Tunnel	V 17 70000	S CU-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
12,-1	423001	Mercer S	Street Tunnel		S CR-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-10	423001	Mercer S	Street Tunnel	12.7	S AS-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-10	423001		Street Tunnel		S CD-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-10	423001		Street Tunnel	12000000	S CU-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-10	423001		Street Tunnel	60000000	S CRHICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-10	423001		Street Tunnel	50.00 A.A.A.	S SB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-10	423001		Street Tunnel		S ZN-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-10	423001	Mercer S	Street Tunnel	6.2005/0000	S PB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-10	423001		Street Tunnel	20.000.0000	S NI-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-11	423001		Street Tunnel		S AS-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
41-11	423001	Mercer S	Street Tunnel	SED	S ZN-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-11	423001		Street Tunnel	SED	S CR-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-11	423001	Mercer S	Street Tunnel	5 455554 55	S CU-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-11	423001		Street Tunnel		S NI-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-11	423001		Street Tunnel	99.97.5	S SB-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-11	423001		treet Tunnel		S PB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-11	423001		Street Tunnel	10.000000000000000000000000000000000000	S CD-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
41-12	423001		treet Tunnel		S PB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-12	423001		treet Tunnel		S SB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-12	423001	Mercer S	treet Tunnel		S NI-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-12	423001		treet Tunnel		S CU-ICP	SALTWIRSED WKGP U	04-JUN-D1 04-JUN-01
1-12	423001		treet Tunnel	660600000	S CR-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
41-12	423001		treet Tunnel	5.00000000	S CD-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-12	423001		treet Tunnel	666666666	S AS-ICP	SALTWIRSED WKGP U	04~JUN-01 04-JUN-01
11-12	423001		treet Tunnel	1,	S ZN-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-13	423001		treet Tunnel	20,000,000,000	S AS-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-13	423001		treet Tunnel	2000000000	S NI-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-13	423001		treet Tunnel	200000000	S PB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
41-13	423001		treet Tunnel		S CD-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-13	423001		treet Tunnel		S CU-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-13	423001		treet Tunnel	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S CR-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-13	423001		treet Tunnel		S ZN-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
41-13	423001		treet Tunnel	24.4.462.42	S SB-ICP	SALTWITESED WKGP U	04-JUN-01 04-JUN-01
41-14	423001		treet Tunnel		S AS-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-14	423001		treet Tunnel	202,0,000	S CD-ICP	SALTWITESED WKGP U	04-JUN-01 04-JUN-01
11-14	423001		treet Tunnel		S CU-ICP	SALTWITESED WKGP U	04-JUN-01 04-JUN-01
41-14	423001		treet Tunnel		S SB-ICP	SALTWITESED WKGP U	04-JUN-01 04-JUN-01
41-14	423001		treet Tunnel	5.755.0000	S PB-ICP S NI-ICP	SALTWIRSED WKGP U SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-14 11-14	423001 423001		treet Tunnel treet Tunnel	500000000000000000000000000000000000000	S CR-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01 04-JUN-01 04-JUN-01
11-14	423001		treet Tunnel		S ZN-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-15	423001		treet Tunnel		S AS-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
1-15	423001		treet Tunnel		S NI-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
1-15	423001		treet Tunnel		S SB-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
1-15	423001		treet Tunnel		S ZN-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
1-15	423001		treet Tunnel		S PB-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
1-15	423001		treet Tunnel		S CU-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-15	423001		treet Tunnel		S CD-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
.1-15	423001		treet Tunnel		S CR-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-16	423001		treet Tunnel		S AS-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
1-16	423001		treet Tunnel	and the second second	S ZN-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-01
11-16	423001		treet Tunnel		S CR-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-16	423001		treet Tunnel		S NI-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01
11-16	423001		treet Tunnel		S PB-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-01

WORK GROUP REPORT (wk02)

May 17 2001, 08:31 am

Work Group: WG55254 (5/9/01 Mercer Tunnel Seds) for Department: 6 - Metals, Trace

Created: 09-MAY-01 Due: Operator: Kevin C.

Sample	Project	Number Project Descr	iption	PXey	C Produc	t	Matrix	Stat U	A Workdate	Duedate
L20541-16	423001	Mercer Street	Tunnel	SED	S SB-ICP		SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
L20541-16	423001	Mercer Street	Tunnel	SED	S CU-ICP		SALTWTRSED	WKGP U	04 - JUN - 01	04-JUN-01
L20541-16	423001	Mercer Street	Tunnel	SED	S CD-ICP		SALTWIRSED	WKGP U	04-JUN-01	04-JUN-01
L20541-17	423001	Mercer Street	Tunnel	SED	S CD-ICP		SALTWIRSED	WKGP U	04-JUN-01	04-JUN-01
L20541-17	423001	Mercer Street		A.1 (N.1.3)	S AS-ICP		SALTWIRSED	500000000000	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	04-JUN-01
L20541-17	423001	Mercer Street		300 500 500	S NI-ICP	,	SALTWIRSED	6-9-9-9-9-9-6-6"	100 Met 100 Met 200 Me	04-JUN-01
L20541-17	423001	Mercer Street			S PB-ICP		SALTWTRSED	**************************************	1 No. 1664-1 1-164-1-1-1 (F. 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	04-JUN-01
L20541-17	423001	Mercer Street		SED	S SB~ICP		SALTWIRSED	200000000000	2	04-JUN-01
L20541-17	423001	Mercer Street			S ZN-ICP	dario (granjesonominggonomico)	SALTWIRSED	400000000000000000000000000000000000000		04-JUN-01
L20541-17	423001	Mercer Street Mercer Street		1000000	S CU-ICP S CR-ICP		SALTWTRSED SALTWTRSED	200000000000		04-JUN-01 04-JUN-01
L20541-17	423001 423001	Mercer Street		C 12 A N	S ZN-ICP	and the contract of the contra	SALTWIRSED	411000000		04-JUN-01
L20541-18 L20541-18	423001	Mercer Street		20 July 14.	S CR-ICP		SALTWIRSED	1, 200 1 1000	Water Committee	04-JUN-01
L20541-18	423001	Mercer Street		A N N 1999	S CU-ICP		SALTWIRSED	2009/2015/2	A STATE OF THE STA	04-JUN-01
L20541-18	423001	Mercer Street			S NI-ICP		SALTWIRSED	17.11	500 Start State 1886 State	04-JUN-01
L20541-18	423001	Mercer Street		0.010.000	S SB-ICP	There is a company of the company of	SALTWTRSED	2010/01/2019	200 00000000000000000000000000000000000	04-JUN-01
G20541-18	423001	Mercer Street	Tunnel	SED	S PB-ICP		SALTWTRSED	WRGP U	04-JUN-01	04-JUN-01
L20541-18	423001	Mercer Street	Tunnel	SED	S CD-ICP		SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
G20541-18	423001	Mercer Street	Tunnel		S AS-ICP		SALTWTRSED		04-JUN-01	04-JUN-01
L20541-19	423001	Mercer Street		155551 1555	S AS-ICP		SALTWTRSED	20.000000000000000000000000000000000000	26.24040000000000000000000	04-JUN-01
L20541-19	423001	Mercer Street		20000000	S CU-ICP		SALTWTRSED	100000000000000000000000000000000000000	606.000000000000000000	04-JUN-01
G20541-19	423001	Mercer Street		09000000	S NI-ICP		SALTWTRSED	20000000000	Programme and the second of th	04-JUN-01
L20541-19	423001	Mercer Street		20000000	S PB-ICP		SALTWIRSED	20000000000	\$2200000000000000000000000000000000000	04-JUN-01
320541-19	423001	Mercer Street		50000000	S ZN-ICP S SB-ICP		SALTWIRSED SALTWIRSED	55555555555		04-JUN-01 04-JUN-01
.20541-19 .20541-19	423001 423001	Mercer Street Mercer Street		4 (1 to 4 to 4 to 4 to 4 to 4 to 4 to 4 to	S CR-ICP		SALTWIRSED		CALL CONTROL OF THE C	04-JUN-01
120541-19	423001	Mercer Street		20,000,000	S CD-ICP		SALTWIRSED	444444444	04-JUN-01	
20541-2	423001	Mercer Street		1	24.000.000.400.000		SALTWTRSED	200000000000000		04-JUN-01
20541-2	423001	Mercer Street		20000000	S SB-ICP		SALTWIRSED	1,000,000,000	04-JUN-01	
.20541-2	423001	Mercer Street		000000000	S PB-ICP		SALTWTRSED	2424-0424-0424	04-JUN-01	
-20541-2	423001	Mercer Street	Tunnel	SED	S NI-ICP		SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
20541-2	423001	Mercer Street	Tunnel	SED	S CU-ICP		SALTWIRSED	WKGP U	04 - JUN - 01	04-JUN-01
.20541- 2	423001	Mercer Street		Secretary and a second	s cr-icp		SALTWTRSED	0.000.000		04-JUN-01
20541-2	423001	Mercer Street		0000000 CO	2, 73, 6, 6, 6, 6, 6, 6, 7		SALTWTRSED	2.000.000.000	04-JUN-01	
20541-2	423001	Mercer Street		500000000	S AS-ICP		SALTWIRSED	404040404040404	04-JUN-01	
20541-3	423001	Mercer Street Mercer Street		SED	S AS-ICP		SALTWTRSED SALTWTRSED	2/2/2/2/2/2/2/2/	04-JUN-01 04-JUN-01	
.20541+3 .20541-3	423001 423001	Mercer Street			S CD-ICP S CR-ICP		SALTWIRSED		04-JUN-01	
20541-3	423001	Mercer Street		A1,04,040	S CU-ICP		SALTWIRSED	A. J. 25, 555	04-JUN-01	
,20541-3	423001	Mercer Street		2000000000	S ZN-ICP		SALTWTRSED	20.000	04-JUN-01	
20541-3	423001	Mercer Street	Tunnel	SED	S NI-ICP		SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
.20541-3	423001	Mercer Street	Tunnel	SED	S PB-ICP		SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
20541-3	423001	Mercer Street		41 44 44 44	S SB-ICP		SALTWTRSED	49.43.1	04-JUN-01	
.20541-4	423001	Mercer Street		6,700	S ZN-ICP		SALTWTRSED		04-JUN-01	
20541-4	423001	Mercer Street		SED	S SB-ICP		SALTWTRSED		04-JUN-01	
20541-4	423001	Mercer Street			S PB-ICP		SALTWIRSED		04-JUN-01	
20541-4	423001	Mercer Street Mercer Street		SED SED	S NI-ICP		SALTWIRSED	Maria No.	04-JUN-01 04-JUN-01	
20541-4	423001 423001	Mercer Street			S CR-ICP		SALTWTRSED		04-JUN-01	
20541-4	423001	Mercer Street			S CD-ICP		SALTWTRSED		Probability of the Control	
20541-4	423001	Mercer Street			S AS-ICP		SALTWTRSED			
20541-5	423001	Mercer Street			S AS-ICP		SALTWTRSED	And the second	04-JUN-01	
20541-5	423001	Mercer Street			S CU-ICP		SALTWTRSED		04-JUN-01	
20541-5	423001	Mercer Street	Tunnel	SED	S NI-ICP		SALTWTRSED		04-JUN-01	04-JUN-01
20541-5	423001	Mercer Street		4775.7.5	S SB-ICP		SALTWIRSED		04-JUN-01	
20541-5	423001	Mercer Street			S ZN-ICP		SALTWTRSED		04-JUN-01	
20541-5	423001	Mercer Street		and the second of the second o	S PB-ICP		SALTWIRSED		04-JUN-01	
20541-5	423001	Mercer Street			S CR-ICP		SALTWIRSED		04-JUN-01	
20541-5 20541-6	423001	Mercer Street ' Mercer Street '			S CD-ICP		SALTWIRSED		04-JUN-01 04-JUN-01	
.20541-6	423001 423001	Mercer Street '			S ZN-ICP		SALTWTRSED SALTWTRSED		04-JUN-01	
アヘンオエナロ	42300I	Lercer Street	Tamiet	SED	3 3D-1CP		OVERTHINGED	"NOP U	04-00M-01	04-0014-01

WORK GROUP REPORT (wk02)

May 17 2001, 08:31 am

Work Group: WG55254 (5/9/01 Mercer Tunnel Seds) for Department: 6 - Metals, Trace

Created: 09-MAY-01 Due: Operator: Kevin C.

¥ le	Project Numbe	r Project Descri	ption	PKey	C Produc	t		Matrix	Stat I	A Workdate	Duedate
	42200	M 64 4 5	 ,			130 130844	a. katawaan ariibaa		000000	12000 100000000000000000000000000000000	
L20541-6	423001 423001	Mercer Street : Mercer Street :		55.555.555.	S PB-ICP S NI-ICP	1.15		SALTWTRSED SALTWTRSED	200000000000	200.00000000000000000000000000000000000	04-JUN-01
L2 41-6	423001	Mercer Street			S CU-ICP			SALTWIRSED	0.0000000000		04-JUN-01 04-JUN-01
1.25 41-6	423001	Mercer Street 1			S CR-ICP			SALTWIRSED	200000000000000000000000000000000000000		04-JUN-01
∟200341 -6	423001	Mercer Street 1		*v00.0000	S CD-ICP			SALTWTRSED			04-JUN-01
20541-6	423001	Mercer Street 1	Tunnel		S AS-ICP			SALTWTRSED	201000000000		04-JUN-01
L20541-7	423001	Mercer Street 1	Tunnel	SED	S AS-ICP			SALTWTRSED	WXGP U	04-JUN-01	04-JUN-01
L2 41-7	423001	Mercer Street 1		SED	S CU-ICP			SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
2-41-7	423001	Mercer Street 1			S NI-ICP			SALTWTRSED	*	100 to 100 to 100 to 100 100 100 100 100 100 100 100 100 10	04-JUN-01
_20541-7	423001	Mercer Street 7		0.000 0.000	S SB-ICP			SALTWTRSED	Total Contract	the state of the s	04-JUN-01
.20541- 7	423001	Mercer Street 1		***********	S ZN-ICP			SALTWTRSED	200000000	and the second of the second o	04-JUN-01
.2~~41-7	423001	Mercer Street 1		900000000	S PB-ICP			SALTWTRSED		200000000000000000000000000000000000000	04-JUN-01
2 41-7	423001	Mercer Street 1		500000,0000	S CD-ICP			SALTWTRSED	100000000000000000000000000000000000000	1747,00000000000000000000000000000000000	04-JUN-01
41-7	423001	Mercer Street 1 Mercer Street 1		64,040,050	S CR-ICP			SALTWTRSED	1,	 selectionism also mangestalt. 	04-JUN-01
. 2054 1-8 . 2054 1-8	423001 423001	Mercer Street 1		CANCEL CO.	S CD-ICP S AS-ICP	The second second second second		SALTWTRSED SALTWTRSED	17.0		04-JUN-01
2 41-8	423001	Mercer Street 1			S NI-ICP			SALTWIRSED	00/00/00/00	0.000	04-JUN-01 04-JUN-01
2 41-8	423001	Mercer Street 1		*5500000000	S PB-ICP			SALTWIRSED		100-20-00-00000000	04-JUN-01
241-8	423001	Mercer Street 7		50000000	S SB-ICP			SALTWIRSED	Attraction (State)	100 100 0000000000000000000000000000000	
20541-8	423001	Mercer Street 1		1,000,000,000	S ZN-ICP			SALTWIRSED	C C C C C C C C C C C C C C C C C C C	to a constitution of the c	
2054 1-8	423001	Mercer Street T		VARANTA	S CU-ICP			SALTWTRSED	2000000000		
.2 41-8	423001	Mercer Street 1	Tunnel	21.000000	S CR-ICP			SALTWTRSED	6.2000.000	47 model 7 to 18 t	
2_41-9	423001	Mercer Street 1	Tunnel	SED	S NI-ICP			SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
2 55 41-9	423001	Mercer Street T	Tunnel	SED	S CU-ICP	*		SALTWTRSED	WKGP U	04-JUN-01	04-JUN-01
20541-9	423001	Mercer Street 1			s CR-ICP	"a afata da afata a ga ir		SALTWTRSED	22.00	100000000000000000000000000000000000000	
20541-9	423001	Mercer Street 1		SED	S CD-ICP			SALTWIRSED	455757555555	010000000000000000000000000000000000000	
2 41-9	423001	Mercer Street 1		123732233	S ZN-ICP			SALTWTRSED	20000000000	200000000000000000000000000000000000000	
2 41-9 20541-9	423001	Mercer Street T		10000000	S PB-ICP			SALTWTRSED	0004000000	04-JUN-01	
	423001	Mercer Street T Mercer Street T		SED	S SB-ICP			SALTWTRSED	Section (Contract)	04-JUN-01	
20541-9 W**254-1	423001 SB	mercer street 1	lumei	SED	S AS-ICP			SALTWTRSED BLANK WTR	WKGP U	04-JUN-01 09-MAY-01	04-JUN-01
G 254-2	MB				S ROUTINI			BLANK WIR	WKGP U	09-MAY-01	
G 254−3	SRM			SED	S ROUTINE			SALTWTRSED	201000000000	09-MAY-01	
IG55254-4	SRM				S ROUTINE			SOIL	WKGP U	543455555555555555555555555555555555555	
IG55254-5	LD			SED	S ROUTINE	ICP		SALTWTRSED	WKGP U		
IG***254-6	MS			SED	S ROUTINE	ICP		SALTWTRSED	WKGP U	09-MAY-01	
KG 254-7	SDIL			SED	S ROUTINE	ICP .		SALTWTRSED	WKGP U	09-MAY-01	
									10100100 19400140		
Comments:	:				in delication				1995 3000 3000		
		_							5/00/4/5 3/00/50		
.2 11-1	CHEM: comp-3 /	_							10000		
2 41-10	CHEM: comp-3 /								10000000		
20541-11 20541-12	CHEM: comp-3 /								3534		
20541-13	CHEM FREP	A IAX: 1ep-3									
2 11-14	CHEM: comp-3 /	/ TAX: rep-3									
2 11-15	CHEM: comp-3 /	<u>-</u>		12. A.							
2 11-16	CHEM: comp-3 /	_									
20541-17	CHEM: comp-3 /										
20541-18	CHEM: comp-3 /	/ TAX: rep-3									
21 11-19	CHEM FREP								5.445		
2111-2	CHEM: comp-3 /										
20591-3	CHEM: comp-3 /										
20541-4	CHEM: comp-3 /	-								200	
20541-5 2(11-6	CHEM: comp-3 /										
C1 \$1.00	. слыч: сопр-3 /										
26-41-7	CHEM: comp-3	/ ጥልሄ፥ ተቀኮ-፡፡፡									
24-11-7	CHEM: comp-3 /										
2011-7 20541-8	CHEM: comp-3 /	/ TAX: rep-3									
26-11-7 20541-8 20541-9		/ TAX: rep-3 / TAX: rep-3									
21-11-7 20541-8 20541-9 G: 254-1	CHEM: comp-3 /	/ TAX: rep-3 / TAX: rep-3									

WORK GROUP REPORT (wk02)

May 17 2001, 08:31 am

Work Group: WG55254 (5/9/01 Mercer Tunnel Seds) for Department: 6 - Metals, Trace

Created: 09-MAY-01 Due: Operator: Kevin C.

54°3 PACS1 54°4 ERASOIL 54°5 L20541-3 RPD- 54°6 L20541-3 ICP2 54°7 L20541-3 SDIL	00 .		
	·		
현실(1) (1) 전 - 1 (1) [1] - 1 (1)		프리아 아버스 프로젝트 (1982년) 1987년 - 전 - 이탈리스	
1906 1906 1866 1906 1806 1906			

KING COUNTY METRO ENVIRONMENTAL LABORATORY

Lab QC Report - 05/22/01 02:01
Run ID: R66485 Workgroup: WG55254 (5/9/01 Mercer Tunnel Seds)

Parameter	Mdl	Rdl	Units	MB Value	Truevalue	SB Value	* Rec.	Qual Limits	Truevalue	Value	% Rec.	Qual I	Limits	RPD/RSD Qual	Limits
Arsenic, Total, ICP	.05	.25	mg/L	<mdl< td=""><td>4</td><td>3.82</td><td>96</td><td>85-115</td><td></td><td></td><td><u> </u></td><td></td><td></td><td></td><td></td></mdl<>	4	3.82	96	85-115			<u> </u>				
Cadmium, Total, ICP	.003	.015	mg/L	<mdl< td=""><td>1,2</td><td>1.13</td><td>94</td><td>85-115</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>	1,2	1.13	94	85-115							
Chromium, Total, ICP	.005	.025	mg/L	<mdl< td=""><td>1.2</td><td>1.16</td><td>97</td><td>85-115</td><td></td><td></td><td></td><td>0000000000</td><td></td><td></td><td></td></mdl<>	1.2	1.16	97	85-115				0000000000			
Copper, Total, ICP	.004	.02	mg/L	<mdl< td=""><td>1.2</td><td>1.16</td><td>97</td><td>85-115</td><td></td><td></td><td></td><td>6000000000 20000000000</td><td></td><td></td><td></td></mdl<>	1.2	1.16	97	85-115				6000000000 20000000000			
Nickel, Total, ICP	. 02	.1	mg/L	<mdl< td=""><td>1.2</td><td>1.14</td><td>95</td><td>85-115</td><td></td><td></td><td>8</td><td></td><td></td><td></td><td></td></mdl<>	1.2	1.14	95	85-115			8				
Lead, Total, ICP	. 03	.15	mg/L	<mdl< td=""><td>4</td><td>3.78</td><td>95</td><td>85+115</td><td></td><td></td><td></td><td></td><td></td><td>ethal i</td><td></td></mdl<>	4	3.78	95	85+115						ethal i	
Antimony, Total, ICP	.03	. 15	mg/L	<mdl< td=""><td>4</td><td>3.75</td><td>94</td><td>85-115</td><td></td><td></td><td></td><td></td><td></td><td>Take to the second of the seco</td><td></td></mdl<>	4	3.75	94	85-115						Take to the second of the seco	
Zinc, Total, ICP	.005	.025	mg/L	<mdl< td=""><td>5</td><td>4.71</td><td>94</td><td>85-115</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>	5	4.71	94	85-115							
MB:WG55254-2 Matrix:	BLANK WTR I	isttype:	MTICP-SED	Method: I	EPA3050A/60	10B (05-0:	2-004-002) Project: 423	001 PKey	: SED					
Parameter	Mdl	Rđ1	Units	MB Value	Qual										
Arsenic, Total, ICP	, 0.5	.25	mg/L	<mdl< td=""><td></td><td>883 865</td><td></td><td></td><td>*</td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>		883 865			*						
Cadmium, Total, ICP	.003	.015	mg/L	<mdl< td=""><td></td><td>9000 8880</td><td></td><td></td><td></td><td></td><td>e S</td><td></td><td></td><td></td><td></td></mdl<>		9000 8880					e S				
Chromium, Total, ICP	.005	.025	mg/L	<mdl< td=""><td></td><td>993 883</td><td></td><td></td><td></td><td>20000000000000000000000000000000000000</td><td>8</td><td></td><td></td><td></td><td></td></mdl<>		993 883				20000000000000000000000000000000000000	8				
Copper, Total, ICP	.004	.02	mg/L	<mdl< td=""><td></td><td>88 80</td><td></td><td></td><td></td><td></td><td>8</td><td></td><td></td><td></td><td></td></mdl<>		88 80					8				
Nickel, Total, ICP	.02	.1	mg/L	<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>											
Lead, Total, ICP	.03	.15	mg/L	<mdl< td=""><td></td><td>1000 1000</td><td></td><td></td><td></td><td></td><td>(i) (i)</td><td>000000000 90004,045</td><td></td><td></td><td></td></mdl<>		1000 1000					(i) (i)	000000000 90004,045			
Antimony, Total, ICP		.15	mg/L	865							61 80	8856666			
				· ∠M⊓ĭ						444		300000000000			
Zinc, Total, ICP	.005	.025	mg/L	<mdl< td=""><td></td><td>900 900 800</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>The first term of the later</td></mdl<>		900 900 800									The first term of the later
Zinc, Total, ICP	.005	.025	mg/L	<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>											
	.005 SALTWTRSED				: EPA3050A,	/6010B (06	-02-004-0	02) Project:	PKey: SE	D			· · · · · · · · · · · · · · · · · · ·		
				ED Method				02) Project: Qual Limits	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix:	SALTWTRSED	Listtyp	e: MTICP-S	ED Method					PKey: SE	D .				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix:	SALTWTRSED Mdl	Listtyp Rd1 52.3 3.14	e: MTICP-S Units mg/Kg mg/Kg	ED Method	e Truevalue 211 2.38	e SRM Valu	e % Rec. 83 126	Qual Limits 120 L 120	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP	SALTWTRSED Mdl 10	Listtyp Rdl 52.3	e: MTICP-S Units mg/Kg	ED Method	e Truevalue 211 2.38 113	e SRM Valu 174 3 54.8	e % Rec. 83 126 48	Qual Limits	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP	SALTWTRSED Mdl 10 .63 1 .84	Rd1 52.3 3.14 5.23 4.19	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg	ED Method	e Truevalue 211 2.38 113 452	sRM Valu 174 3 54.8 420	e % Rec. 83 126 48 93	Qual Limits 120 120 L 120 120 120 120 120	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP	SALTWTRSED Md1 10 .63 1 .84 4.2	Rd1 52.3 3.14 5.23 4.19 20.9	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method	e Truevalue 211 2.38 113 452 44.1	sRM Value 174 3 54.8 420 33	e % Rec. 83 126 48 93 75	Qual Limits 120 120 120 120 120 120 120 120	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP	Mdl 10 .63 1 .84 4.2 6.3	Rd1 52.3 3.14 5.23 4.19 20.9 31.4	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method	211 2.38 113 452 44.1 404	E SRM Valu 174 3 54.8 420 33 377	e % Rec. 83 126 48 93 75 93	Qual Limits 120 120 L 120 120 120 120 120 120 120	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP	Md1 10 .63 1 .84 4.2 6.3 6.3	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method	211 238 113 452 44.1 404 171	E SRM Valu 174 3 54.8 420 33 377 66.9	e % Rec. 83 126 48 93 75 93 39	Qual Limits 120 120 L 120 120 120 120 120 120 120 120 120 120 120	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP	Mdl 10 .63 1 .84 4.2 6.3	Rd1 52.3 3.14 5.23 4.19 20.9 31.4	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method	211 2.38 113 452 44.1 404	E SRM Valu 174 3 54.8 420 33 377	e % Rec. 83 126 48 93 75 93	Qual Limits 120 120 L 120 120 120 120 120 120 120	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP	Md1 10 .63 1 .84 4.2 6.3 6.3	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method	211 238 113 452 44.1 404 171	E SRM Valu 174 3 54.8 420 33 377 66.9	e % Rec. 83 126 48 93 75 93 39	Qual Limits 120 120 L 120 120 120 120 120 120 120 120 120 120 120	PKey: SE	D.				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP	Md1 10 .63 1 .84 4.2 6.3 6.3	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method	211 238 113 452 44.1 404 171	E SRM Valu 174 3 54.8 420 33 377 66.9	e % Rec. 83 126 48 93 75 93 39	Qual Limits 120 120 L 120 120 120 120 120 120 120 120 120 120 120	PKey: SE	b				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Lab Control Sample	Mdl 10 .63 1 .84 4.2 6.3 6.3 1	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	E Truevalue 211 2.38 113 452 44.1 404 171 824	E SRM Value 174 3 54.8 420 33 377 66.9 742	e % Rec. 83 126 48 93 75 93 39	Qual Limits 120 120 120 120 120 120 120 120 120 120 120 120 120 120		b				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Nickel, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Cab Can Sample	Md1 10 .63 1 .84 4.2 6.3 6.3	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	E Truevalue 211 2.38 113 452 44.1 404 171 824	E SRM Value 174 3 54.8 420 33 377 66.9 742	e % Rec. 83 126 48 93 75 93 39	Qual Limits 120 120 120 120 120 120 120 120 120 120 120 120 120 120	PKey: SE	D				RPD/RSD Qual	Limits
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP	Mdl 10 .63 1 .84 4.2 6.3 6.3 1	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	E Truevalue 211 2.38 113 452 44.1 404 171 824	E SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00	e % Rec. 83 126 48 93 75 93 39 90 4-002) F	Qual Limits 120 120 120 120 120 120 120 120 120 120 120 120 120 120		D				RPD/RSD Qual	
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Cab Calal Sample -GRM-WG55254-4 Matrix: CB £ 8/22/01	Md1 10 .63 1 .84 4.2 6.3 6.3 1 .SOIL List	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23	e: MTICP-S: Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	211 2.38 113 452 44.1 404 171 824 050A/6010B e Truevalu 53.2	SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00)	e % Rec. B3 126 48 93 75 93 39 90 4-002) F e % Rec. 112	Oual Limits		D					
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Cab Cabrl Sample	Md1 10 .63 1 .84 4.2 6.3 6.3 1 SOIL Liste	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23 Eype: MTI Rd1 55.5 3.33	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	211 2.38 113 452 44.1 404 171 824 050A/6010B e Truevalu 53.2 151	SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00) SRM Value 59.6 161	e % Rec. 83 126 48 93 75 93 39 90 4-002) F e % Rec. 112 106	Oual Limits 120 L 120 120 120 120 120 120 120 120 120 roject: PKey Qual Limits 120 120		D					
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Cab Cabrel Sample GRH-WG55254-4 Matrix: CRE 8/22/01 Parameter Arsenic, Total, ICP	Mdl 10 .63 1 .84 4.2 6.3 6.3 1 SOIL Liste	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23 Eype: MTI Rd1 55.5	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	211 2.38 113 452 44.1 404 171 824 050A/6010B e Truevalu 53.2 151 99.4	SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00 SRM Value 59.6 161 103	83 126 48 93 75 93 39 90 4-002) F e % Rec. 112 106 104	Oual Limits 120 L 120 120 120 120 120 120 120 120 120 120		D					
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Nickel, Total, ICP Lead, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Cahn Sample	Mdl 10 .63 1 .84 4.2 6.3 6.3 1 SOIL Liste Mdl 11 .67 1.1 .89	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23 Eype: MTI Rd1 55.5 3.33 5.55 4.44	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	E Truevalue 211 2.38 113 452 44.1 404 171 824 050A/6010B E Truevalue 53.2 151 99.4 59.2	SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00 SRM Value 59.6 161 103 64.4	83 126 48 93 75 93 39 90 4-002) F e * Rec. 112 105 104 109	Qual Limits 120 120 120 120 120 120 120 120 120 120 roject: PKey Qual Limits 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120		D					
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Nickel, Total, ICP Lead, Total, ICP Lead, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Zinc, Total, ICP CANH.WG55254-4 Matrix: CAL 8/22/01 Parameter Arsenic, Total, ICP Cadmium, Total, ICP Copper, Total, ICP Copper, Total, ICP Nickel, Total, ICP	Mdl 10 .63 1 .84 4.2 6.3 6.3 1 SOIL Listi Mdl 11 .67 1.1 .89 4.4	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23 Eype: MTI Rd1 55.5 3.33 5.55 4.44 22.2	e: MTICP-S: Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	E Truevalue 211 2.38 113 452 44.1 404 171 824 050A/6010B E Truevalue 53.2 151 99.4 59.2 63.3	SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00 SRM Valu 59.6 161 103 64.4 67.4	e % Rec. B3 126 48 93 75 93 39 90 4-002) F e % Rec. 112 106 104 109 106	Oual Limits 120 120 120 120 120 120 120 120 120 12		D					
SRM:WG55254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Zinc, Total, ICP CAD (An) Sample ORM-WG55254-4 Matrix: CB £ 8/22/0i Parameter Arsenic, Total, ICP Cadmium, Total, ICP Comper, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Lead, Total, ICP	Mdl 10 .63 1 .84 4.2 6.3 6.3 1 SOIL Lists Mdl 11 .67 1.1 .89 4.4 6.7	Rdl 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23 Eype: MTI Rdl 55.5 3.33 5.55 4.44 22.2 33.3	e: MTICP-S Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	050A/6010B e Truevalu 211 2.38 113 452 44.1 404 171 824 050A/6010B e Truevalu 53.2 151 99.4 59.2 63.3 97.8	SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00 SRM Valu 59.6 161 103 64.4 67.4 112	e % Rec. 83 126 48 93 75 93 39 90 4-002) F e % Rec. 112 106 104 109 106 114	Oual Limits 120 120 120 120 120 120 120 120 120 12		D					
SRM:WGS5254-3 Matrix: Parameter Arsenic, Total, ICP Cadmium, Total, ICP Chromium, Total, ICP Copper, Total, ICP Nickel, Total, ICP Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP Zinc, Total, ICP CANH.WG55254-4 Matrix: CALL 8/22/01 Parameter Arsenic, Total, ICP Cadmium, Total, ICP Copper, Total, ICP Copper, Total, ICP Nickel, Total, ICP	Mdl 10 .63 1 .84 4.2 6.3 6.3 1 SOIL Listi Mdl 11 .67 1.1 .89 4.4	Rd1 52.3 3.14 5.23 4.19 20.9 31.4 31.4 5.23 Eype: MTI Rd1 55.5 3.33 5.55 4.44 22.2	e: MTICP-S: Units mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	ED Method SampValu	E Truevalue 211 2.38 113 452 44.1 404 171 824 050A/6010B E Truevalue 53.2 151 99.4 59.2 63.3	SRM Value 174 3 54.8 420 33 377 66.9 742 (06-02-00 SRM Valu 59.6 161 103 64.4 67.4	e % Rec. B3 126 48 93 75 93 39 90 4-002) F e % Rec. 112 106 104 109 106	Oual Limits 120 120 120 120 120 120 120 120 120 12		D					

KING COUNTY METRO ENVIRONMENTAL LABORATORY

Lab QC Report - 05/22/01 02:01
Run ID: R66485 Workgroup: WGS5254 (5/9/01 Mercer Tunnel Seds)

Parameter	Mdl	Rdl	Units	SampValue	Truevalue	LD Value	* Rec. Qu	al Limits			RPD/RSD Qual	Limits
Arsenic, Total, ICP	2.5	12.6	mg/Kg	4.3		4.8						20
Cadmium, Total, ICP	.15	.756	mg/Kg	.46		.32				0.000		20
Chromium, Total, ICP	.25	1.26	mg/K g	18.5		19.5				919-4-10 v	5	20
Copper, Total, ICP	.2	1.01	mg/Kg	27.6		23.8					15	20
Nickel, Total, ICP	1	5.04	mg/Kg	17.2		17.8					3	20
Lead, Total, ICP	1.5	7.56	mg/Kg	32.2		32.7				1975	2	20
Antimony, Total, ICP	1.5	7.56	mg/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td></td><td></td><td>And I</td><td></td><td>20</td></mdl<></td></mdl<>		<mdl< td=""><td></td><td></td><td></td><td>And I</td><td></td><td>20</td></mdl<>				And I		20
Zinc, Total, ICP	.25	1.26	mg/Kg	47.7		45.8					4	20
MS:WG55254-6 L20541-3	Matrix: SALT	wTRSED 1	Listtype: M	rTICP-SED	Method: EP	A3050A/60	10B (06-02-0	04-002) Project:	423001 PKey: SED			
Parameter	Md1	Rdl	Units		: Truevalue		k Rec. Qu				RPD/RSD Qual	Limits
Arsenic, Total, ICP	2.5	12.5	mg/Kg	4.3	4	195	95	75-125				
Cadmium, Total, ICP	.15	.752	mg/Kg	.46	1.2	56.3	93	75+125				
Chromium, Total, ICP	.25	1.25	mg/Kg	18.5	1.2	78.1	99	75-125		4000 Y		
Copper, Total, ICP	,2	1	mg/Kg	27.6	1.2	82.1	91	75-125			5.5 A. C. C. C.	
Nickel, Total, ICP	1	5.02	mg/Kg	17.2	1.2	74	94	75-125				
			tende / Var					75+125	88,900,000,000,000			
	1.5	7.52	mg/Kg	32.2	4	214	91		69614830048800000000000	59755555-70%	2017/2004 33300	
Antimony, Total, ICP	1.5	7.52	mg/Kg	<mdl< th=""><th>4</th><th>75.2</th><th>37 G</th><th>75+125</th><th></th><th></th><th></th><th></th></mdl<>	4	75.2	37 G	75+125				
Lead, Total, ICP Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	200000000000000000000000000000000000000	7.52 1.25	mg/Kg mg/Kg	<mdl 47.7</mdl 	4 5	75.2 278	37 G 92		1 PKey: SED			
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25	7.52 1.25	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92	75-125 75-125) Project: 42300	l PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP	1.5 .25 .x: SALTWTRSED	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	1 Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey; SED		RPD/RSD Qua	1 Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	î PKey: SED		RPD/RSD Qua	l Limi)
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	î PKey: SED		RPD/RSD Qua	l Limi
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	1 Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	î PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	î PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	l PKey: SED		RPD/RSD Qua	l Limit
Antimony, Total, ICP Zinc, Total, ICP SDIL:WG55254-7 Matri	1.5 .25 .x: SALTWTRSED .Mdl	7.52 1.25 Listty	mg/Kg mg/Kg pe: MTICP-S	<mdl 47.7 SED Method</mdl 	4 5 1: EPA3050A	75.2 278 4/6010B (0	37 G 92 06-02-004-002	75-125 75-125) Project: 42300	1 PKey: SED		RPD/RSD Qua	1 Limit

WORK GROUP REPORT (wk02)

May 17 2001, 08:31 am

Work Group: WG55416 (5/17/01 Mercer St. Seds) for Department: 6 - Metals, Trace

Created: 17-MAY-01 Due: Operator: Kevin C.

				<u> </u>	
541-1	423001 Mercer Street Tunnel	SED	S AG-ICP	SALTWTRSED WKGP U	04-JUN-01 04-JUN-0
<41 -10	423001 Mercer Street Tunnel		S AG-ICP	SALTWIRSED WKGP U	and the second s
1-11	423001 Mercer Street Tunnel	30000000	S AG-ICP	SALTWIRSED WKGP U	12.77.300 1300.300.30
1-12	423001 Mercer Street Tunnel		S AG-ICP	SALTWTRSED WKGP U	
41-13	423001 Mercer Street Tunnel	SED	S AG-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-0
41-14	423001 Mercer Street Tunnel	SED	S AG-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-0
^1-1 5	423001 Mercer Street Tunnel	SED	S AG-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-0
1-16	423001 Mercer Street Tunnel	SED	S AG-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-0
1-17	423001 Mercer Street Tunnel	SED	S AG-ICP	SALTWIRSED WKGP U	04-JUN-01 04-JUN-0
41- 18	423001 Mercer Street Tunnel		S AG-ICP	SALTWIRSED WKGP U	
11-19	423001 Mercer Street Tunnel	20.20.00.00	S AG-ICP	SALTWIRSED WKGP U	494000000000000000000000000000000000000
1-2	423001 Mercer Street Tunnel	1000000	S AG-ICP	SALTWIRSED WKGP U	NEW YORK CONTRACTOR AND CONTRACTOR
1-3	423001 Mercer Street Tunnel	100 TO 10	S AG-ICP	SALTWIRSED WKGP U	
1-4	423001 Mercer Street Tunnel	200	S AG-ICP	SALTWIRSED WKGP U	
11-5	423001 Mercer Street Tunnel	6000.0000	S AG-ICP	SALTWIRSED WKGP U	
11-6	423001 Mercer Street Tunnel		S AG-ICP	SALTWIRSED WKGP U	
1-7	423001 Mercer Street Tunnel	- 45555,4755,	S AG-ICP	SALTWIRSED WKGP U	annana anthon of this is
1-8	423001 Mercer Street Tunnel	5,800,000	S AG-ICP	SALTWIRSED WKGP U	
1-9	423001 Mercer Street Tunnel	6600.000	S AG-ICP	SALTWIRSED WKGP U	A CONTRACTOR CONTRACTOR
416-1	SB	1000 1000	S ROUTINE ICP	BLANK WTR WKGP U BLANK WTR WKGP U	350, 1010 B - 145 A A A
116-2	MB		S ROUTINE ICP S ROUTINE ICP	SALTWIRSED WKGP U	600 00000 0. 110 NA 411
16-3	SRM SRM		S ROUTINE ICP	SOIL WKGP U	
16-4 16-5	LD	2000000000	S ROUTINE ICP	SALTWIRSED WKGP U	A Property Control of the
	мs	\$5000000000000000000000000000000000000	S ROUTINE ICP	SALTWIRSED WKGP U	3 1500P53433 1 30 33
416~6 '16-7	SDIL	\$100 A. C.	S ROUTINE ICP	SALTWIRSED WKGP U	
10-/					
nts:		i dika			그램 경우 네네
		\$250.000 \$450.000			
41-1	CHEM: comp-3 / TAX: rep-3	555555556 555755550 555755755			
1-10	CHEM: comp-3 / TAX: rep-3				
1-11	CHEM: comp-3 / TAX: rep-3				
11-12	CHEM: comp-3 / TAX: rep-3				
11-13	CHEM FREP				그래까지 하다 화
11-14	CHEM: comp-3 / TAX: rep-3	\$165.000 \$165.000 \$160.000		i kada	
1-15	CHEM: comp-3 / TAX: rep-3	#4500000 #4500000			
1-16	CHEM: comp-3 / TAX: rep-3				기계 : 기계 :
1-17	CHEM: comp-3 / TAX: rep-3	1600			
11-18	CHEM: comp-3 / TAX: rep-3				
11-19	CHEM FREP				
1-2	CHEM: comp-3 / TAX: rep-3				
1-3	CHEM: comp-3 / TAX: rep-3				- 이유팅통지 : - ^ · · · · · · · · ·
1-4	CHEM: comp-3 / TAX: rep-3				
1-5	CHEM: comp-3 / TAX: rep-3	#4 11 v	그 학생 유리 화경기를 다고		
1-6	CHEM: comp-3 / TAX: rep-3				
1-7	CHEM: comp-3 / TAX: rep-3 CHEM: comp-3 / TAX: rep-3		그 그 이 기념을 잃어 맞지않는 것이		
	CHEM. comp.3 / TAX. rep.3				
1-9	CHEM: comp-3 / TAX: rep-3				
1-9 116-1	WG55416-2 ICP200				
1-9 116-1 16-2	WG55416-2 ICP200 MB				
1-9 116-1 15-2 16-3	WG55416-2 ICP200 MB PACS1				
1-9 116-1 16-2 16-3 16-4	WG55416-2 ICP200 MB PACS1 ERASOIL				
1-8 1-9 116-1 116-2 16-3 116-4 116-5	WG55416-2 ICP200 MB PACS1 ERASOIL L20541-3 RPD-SOL				
1-9 116-1 16-2 16-3 16-4	WG55416-2 ICP200 MB PACS1 ERASOIL				

KING COUNTY METRO ENVIRONMENTAL LABORATORY

Lab QC Report - 05/21/01 05:10
Run ID: R66487 Workgroup: WG55416 (5/17/01 Mercer St. Seds)

Parameter	Mdl Rdl	Units MB Value	Truevalue SB Value	* Rec. Qual	Limits Truevalue	Value % Rec.	Qual Limits	RPD/RSD Qual	Limit
Silver, Total, ICP	.004 .02	mg/L <mdl< td=""><td>1.13</td><td>94</td><td>85-115</td><td></td><td></td><td>in the second</td><td></td></mdl<>	1.13	94	85-115			in the second	
MB:WG55416-2 Matrix: H	MANK WTP Listtyma.	MTTCD_CDD Marhad. t	DAROENA (EGRADI (AE GA	044 0441 044	ject: 423001 PKey:				
				-004-002) PIC	ject: 423001 Pkey:	SED			
Parameter Gilver, Total, ICP	Mdl Rdl ,004 .02	Units MB Value	Qual					· · · · · · · · · · · · · · · · · · ·	
iivei, iocai, icr	,004 .02	mg/L <mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>							
							e de la companie de la companie de la companie de la companie de la companie de la companie de la companie de La companie de l		
RM:WG55416-3 Matrix:	SALTWIRSED Listty	e: MTTCP-SED Method	EPA3050A/6010B (06-	02-004-002) 1	roject: PKey: SED				
	그리아 하시다. 이 김 배추를 다음했다.								
arameter	Mdl Rdl	Units SampValue	: Truevalue SRM Value	* Rec. Qual	Limits			RPD/RSD Qual	Limi
ab Control Sample MM-WG55416-4 Matrix:	20077 TO LECTION SAME.								
Macrix:	Soir histtype: Mil	CP-SED Method: EPA3(50A/6010B (06-02-004	(-002) Project	: PKey: SED				
arameter	Mdl Rdl	Units SampValue	Truevalue SRM Value		Limits			RPD/RSD Qual	Limi
Silver, Total, ICP	.91 4.53	mg/Kg	107 101	95	120				
LD:WG55416-5 L20541-3 N	fot wile. CAT meem com	, , , , , , , , , , , , , , , , , , , ,							
3D: NG35416-5 120541-5 1	actix: Saliwirsed	ristcybe: wiich-sen	method: EPA3U5UA/6U1	.0B [06-02-004-	002) Project: 42300	1 PKey: SED			
Parameter	Mdl Rdl	Units SampValue	Truevalue LD Value	% Rec. Qual	Limits			RPD/RSD Qual	Limi
Cilver, Total, ICP	.19 .969	mg/Kg 1.03	1.05					3	20
4S:WG55416-6 L20541-3 !	Astriv. Chimwrocon	Lightime C. MTTCD CED	Markad Progress (co.	/22 22 22					
	ACTIA: SADIWIRSED	Discrype: Miler-SED	Mechod: EPA3050A/601	.UB (U5-U2-UU4-	002) Project: 42300	1 PKey: SED			
arameter	Mdl Rdl	Units SampValue	Truevalue MS Value					RPD/RSD Qual	Limi
ilver, Total, ICP	.2 .976	mg/Kg 1.03	1.2 54.5	91	75-125				
SDIL:WG55416-7 Matrix	SALTHTOCON Discess	ne MTTCD ERD Motho	: EPA3050A/6010B (06			<u></u>			
STE. NOSSETON, INDEED IN	BADIWINGED DISCCY	be: hitch-pro Meciloo	: EFAJUSUA/GULUB (UE	5-02-004-002)	Project: 423001 PK	ey: SED			
arameter	Mdl Rdl	Units SampValue	Truevalue SDIL Valu	ie 🕯 Rec. Qual	. Limits			RPD/RSD Qual	L_Lim
			.com.uuuuu0000000000000000	0.000/000000000000000000000000000000000	29000000000000000000 U/00	194 No. 19630464666666			

WORK GROUP REPORT (wk02)

May 01 2001, 03:29 pm

Work Group: WG54971 (4/30/01 Mercer Street Tunnel) for Department: 6 - Metals, Trace

Created: 30-APR-01 Due: Operator: E. Salnick

20541-1	423001	Mercer Street Tunnel	SED	S HG-CVAA	SALTWTRSED	WKGP U	07-MAY-01 25-MAY-0
20541-10	423001	Mercer Street Tunnel	4555555555	S HG-CVAA	SALTWTRSED	100000000000000000000000000000000000000	Notice that the second control of the second
0541-11	423001	Mercer Street Tunnel	\$60,600,005	S HG-CVAA	SALTWIRSED	3505000000	20000000000000000000
20541-12	423001	Mercer Street Tunnel		S HG-CVAA	SALTWTRSED		
0541-13	423001	Mercer Street Tunnel	10010011	S HG-CVAA	SALTWIRSED	500000000	1.0 (0.0 (0.0 (0.0 (0.0 (0.0 (0.0 (0.0 (
20541-14	423001	Mercer Street Tunnel	500000000	S HG-CVAA	SALTWTRSED	0.000.000.000.000	27.040.050.050.050.0000
0541-15	423001	Mercer Street Tunnel		S HG-CVAA	SALTWTRSED	300000000000000000000000000000000000000	08-MAY-01 26-MAY-0
0541-16	423001	Mercer Street Tunnel		S HG-CVAA	SALTWIRSED	24/22/2009	08-MAY-01 26-MAY-0
0541-17	423001	Mercer Street Tunnel	30000000	S HG-CVAA	SALTWTRSED	174 144 144 144	08-MAY-01 26-MAY-0
0541-18	423001	Mercer Street Tunnel	0000000000	S HG-CVAA	SALTWTRSED	190000000	17-MAY-01 04-JUN-0
0541-19	423001	Mercer Street Tunnel	100000000000000000000000000000000000000	S HG-CVAA	SALTWIRSED	10010000000	17-MAY-01 04-JUN-0
0541-2	423001	Mercer Street Tunnel	200.00000	S HG-CVAA	SALTWTRSED	1/	07-MAY-01 25-MAY-0
0541-3	423001	Mercer Street Tunnel	566666666	S HG-CVAA	SALTWIRSED	200000000000000000000000000000000000000	07-MAY-01 25-MAY-0
0541-4	423001	Mercer Street Tunnel	20000000	S HG-CVAA	SALTWTRSED	9994000000	07-MAY-01 25-MAY-0
0541-5	423001	Mercer Street Tunnel Mercer Street Tunnel	100000000000000000000000000000000000000	S HG-CVAA	SALTWIRSED	200000000000	08-MAY-01 26-MAY-0
0541-6	423001	Mercer Street Tunnel	200.000000	S HG-CVAA S HG-CVAA	SALTWIRSED	444000000	07-MAY-01 25-MAY-0
20541-7	423001 423001	Mercer Street Tunnel	0.000000	S HG-CVAA	SALTWIRSED SALTWIRSED	Signal State Control	07-MAY-01 25-MAY-0 08-MAY-01 26-MAY-0
20541-8 20541-9	423001	Mercer Street Tunnel	\$4,050,050,050	S HG-CVAA	SALTWIRSED	-0.000 MARKET	08-MAY-01 26-MAY-0
:54971-1	423001 MB	mercer screet runner	000000000	S HG-CVAA	849099	WKGP U	30-APR-01
54971-2	SB		555555556	S HG-CVAA	BLANK WTR		30-APR+01
354971-3	SRM		3000002000	S HG-CVAA	SALTWIRSED		30-APR-01
54971-4	LD		9999999	S HG-CVAA	SALTWIRSED	260.000.000	30-APR-01
54971-5	MS		15050 3000	S HG-CVAA	SALTWTRSED	44.00	30-APR-01
mments:							
20541-1	CHEM: comp-3 /	TAX: ren-3					
0541-10	CHEM: comp-3 /	=			100000 100000 100000		
0541-11	CHEM: comp-3 /	-	6504000		1900 C 1900 C 1900 C	¥349.	
0541-12	CHEM: comp-3 /	-				#1010000 5031-01	
0541-13	CHEM FREP	•			6,00000 8,00000 5,00000 5,00000		
0541-14	CHEM: comp-3 /	TAX: rep-3	20020000 00000000				
0541-15	CHEM: comp-3 /		29000000 3800000		100000 00000 00000		
0541-16	CHEM: comp-3 /	_	2000000				
0541-17	CHEM: comp-3 /	TAX: rep-3					
0541-18	CHEM: comp-3 /		0.0000000 0.0000000			100 Marie 1	
0541-19	CHEM FREP						
0541-2	CHEM: comp-3 /	TAX: rep-3	335000.00 35500.00		0400 00000 00000	8530	
0541+3	CHEM: comp-3 /	TAX: rep-3				1000000 1000000	
0541-4	CHEM: comp-3 /	TAX: rep-3	200 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		M3.50 55555 5655	\$4566 44566	
0541-5	CHEM: comp-3 /	TAX: rep-3	4.300		444. 1941	19966. 1986.	
0541-6	CHEM: comp-3 /	TAX: rep-3	1,4500,00		2040 \$1.40 \$1.40	A DESCRIPTION	
0541-7	CHEM: comp-3 /		23.253865 5.3586.55				
0541-B	CHEM: comp-3 /						- 경시::::(::::::::::::::::::::::::::::::::
0541-9	CHEM: comp-3 /	TAX: rep-3	70 154 175 200 27 17			\$355	
54971-1	METHOD BLANK	_					
54971-2	WG54971-1 HG-SO	L					
54971~3	PACS1	_					
4971-4	L20541-5 RPD-SO						- 1440 1144 1144 1144 1144 1144 1144 114
54971-5	L20541-5 HG-SOL	1			::37 1, ⁷ 5		
received a larger of the second							
4.5745 A.S.				그들은 경험점 그는 그리			- Salakia
化连续换 化氯化							

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 05/01/01 03:48
Run ID: R65794 Workgroup: WG54971 (4/30/01 Mercer Street Tunnel)

Parameter	Mdl	Rdl Unit	s MB Value	Qual						
Mercury, Total, CVAA	.0002	.002 mg/L	<mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>							
SB:WG54971-2 MB:WG5497	1-1 Matrix:	BLANK WTR Lis	ttype: MTHG-S	ED Method:	EPA 245.5 (06-01-	004-003) Project.	: PKey: SED			
arameter	Mdl	Rdl Unit			B Value * Rec. (
ercury, Total, CVAA	.0002	.002 mg/L	<mdl< td=""><td>0.005</td><td>.00506 101</td><td>85-115</td><td>reverue value s Re</td><td>c. Qual Limi</td><td>ts RPD/RSD Qual</td><td>Lim</td></mdl<>	0.005	.00506 101	85-115	reverue value s Re	c. Qual Limi	ts RPD/RSD Qual	Lim
M:WG54971-3 Matrix	: SALTWIRSED I	Listtype: MTHG-	SED Method:	EPA 245.5 (0	6-01-004-003) Pro	oject: PKey: SI	2D	# 15 전 1		
rameter							7D			
rcury, Total, CVAA	Mdl .094	Rdl Unit	s sampvalue	4.57	RM Value 1 Rec. (Qual Limits 120			RPD/RSD Qual	Lim
MCC40d3 4 TOOC44 P										
:WG54971-4 L20541-5	Matrix: SALTW	TRSED Listtype	: MTHG-SED M	lethod: EPA 2	45.5 (06-01-004-0)	03) Project: 4230	001 PKey: SED			
rameter rcury, Total, CVAA	Mđ1 .02	Rdl Unit	s SampValue .046	Truevalue L	D Value 🕻 Rec. (Qual Limits			RPD/RSD Qual	Lim
			.040		• 	50,000,000,000,000,000,000		.535,035,335	Managarah da Ass	20
	2844,0003880888		0000000 0000000 0000000							Secret a
										Angre S
3:WG54971-5 L20541-5	Matrix: SALTWI	TRSED Listtype	: MTHG-SED M	ethod: EPA 2	45.5 (06-01-004-00	03) Project: 4230	001 PKey: SED			Augus De
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value & Rec. (03) Projecti 4230 Qual Limits	001 PKey: SED		RPD/RSD Oual	Limi
rameter			s SampValue				001 PKey: SED		RPD/RSD Qual	Limi
ameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value & Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Lim
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value & Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Lim;
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value & Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value & Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value & Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
rameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
arameter	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Limi
MS:WG54971-5 L20541-5 Parameter Mercury, Total, CVAA	Mdl	Rdl Unit	s SampValue	Truevalue M	S Value % Rec. (Qual Limits	001 PKey: SED		RPD/RSD Qual	Lim

ORGANIC CHEMISTRY QC DATA

QC Batch# ID# METRO Environmental Laboratory

WORK GROUP REPORT (Wk02)

Apr 26 2001, 02:48 pm

Work Group: WG54742 (VSM 296) for Department: 7 - Organics, Trace

Created: 13-APR-01 Due: Operator: gm

£20541-1 £20541-2 £20541-3 £20541-4 £20541-5 £20541-6 £20541-7 £20541-8 £20541-9 MG54742-1 MG54742-2 WG54742-5	423001 423001 423001 423001 423001 423001 423001 423001 423001 MB SB LD	Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel	SED SED SED SED SED SED SED SED SED SED	S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED	SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED SALTWTRSED	MKGP U WKGP U WKGP U WKGP U WKGP U WKGP U WKGP U WKGP U	23-APR-01 23-APR-01 23-APR-01 24-APR-01 23-APR-01 23-APR-01 24-APR-01	25-MAY-01 25-MAY-01 25-MAY-01 26-MAY-01 25-MAY-01 25-MAY-01 26-MAY-01
Comments: L20541-1 L20541-2 L20541-3 L20541-4 L20541-5 L20541-6 L20541-7 L20541-8 L20541-9 WG54742-2 WG54742-5	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 WB010413 WG54742-1 L20541-2	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3 / TAX: rep-3 / TAX: rep-3 / TAX: rep-3 / TAX: rep-3						

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 04/27/01 11:43 Run ID: R65303 Workgroup: WG54742 (VSM 296)

Parameter	Mdl	Rdl	Units	MB Value	Qual										
1,1,2-Trichloroethylene	5	10	ug/Kg	<mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>2000 J. J. J. J. J. J. J. J. J. J. J. J. J.</th><th></th><th></th><th></th></mdl<>								2000 J. J. J. J. J. J. J. J. J. J. J. J. J.			
Tetrachloroethylene	5	10	ug/Kg	<mdl< th=""><th></th><th></th><th></th><th>00000000</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>				00000000							
Ethylbenzene	5	10	ug/Kg	<mdl< th=""><th></th><th></th><th></th><th></th><th>A-10 A-10 A-10 A-10 A-10 A-10 A-10 A-10</th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>					A-10 A-10 A-10 A-10 A-10 A-10 A-10 A-10						
Total Xylenes	5	10	ug/Kg	<mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>											
SB:WG54742~2 MB:WG54742	-1 Matrix	: SALTWT	RSED Listt	type: ORVOA	N-LOWSED M	ethod: EP/	. 8260B (7-3-02	:-002) Pi	oject:	PKey: SED					
Parameter	Mdl	Rdl	Units	MB Value	Truevalue	SB Value	% Rec. Qual	Limits	Truevalue	Value	% Rec.	Qual	Limits	RPD/RSD Qual	Limits
1,1,2-Trichloroethylene	5	10	ug/Kg	<mdl< td=""><td>250</td><td>249</td><td>100</td><td>50-150</td><td></td><td></td><td></td><td></td><td><u></u></td><td></td><td>100</td></mdl<>	250	249	100	50-150					<u></u>		100
Tetrachloroethylene	5	10	ug/Kg	<mdl< td=""><td>250</td><td>269</td><td>108</td><td>50-150</td><td>833 388</td><td></td><td></td><td>- 200</td><td></td><td></td><td>100</td></mdl<>	250	269	108	50-150	833 388			- 200			100
Ethylbenzene Total Xylenes	5	10 10	ug/Kg ug/Kg	<mdl <mdl< td=""><td>250 500</td><td>263 518</td><td>105 104</td><td>50-150 50-150</td><td></td><td></td><td></td><td>1000,0000</td><td></td><td></td><td>100</td></mdl<></mdl 	250 500	263 518	105 104	50-150 50-150				1000,0000			100
rotat Aytones		. 10	ug/kg	- JUNE	300	010	IVH	20-120							100
LD:WG54742-5 L20541-2 I	Matrix: SALT	WTRSED	Listtype: C	DRVOA-LOWSE	D Method:	EPA 8260E	(7-3-02-002)	Project:	423001	PKey: SED					
Parameter	Mdl	Rdl	Units	SamoValue	Truevalue	ID Value	% Rec. Qual	limite						RPD/RSD Qual	Limits
1,1,2-Trichloroethylene	5	10	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>7,000,000</td><td>KPD/KSD WUST</td><td>100</td></mdl<></td></mdl<>		<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>7,000,000</td><td>KPD/KSD WUST</td><td>100</td></mdl<>							7,000,000	KPD/KSD WUST	100
Tetrachloroethylene	5	10	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td></td><td></td><td>1984 A SARAGE</td><td></td><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>		<mdl< td=""><td></td><td></td><td></td><td>1984 A SARAGE</td><td></td><td></td><td></td><td></td><td>100</td></mdl<>				1984 A SARAGE					100
Ethylbenzene	5	10	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>A. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 20</td><td></td><td></td><td></td><td>14.9</td><td></td><td></td><td>100</td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>A. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 20</td><td></td><td></td><td></td><td>14.9</td><td></td><td></td><td>100</td></mdl<>		A. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 200 S. 20				14.9			100
Total Xylenes	5	10	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>#00000000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>#00000000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>		#00000000							
															100
MS:WG54882-3 MSD:WG54882-4 Parameter 1,1,2-Trichloroethylene	Mdl 5	Rdl 10	Units ug/Kg	SampValue <mdl< th=""><th>Truevalue 250</th><th>MS Value 215</th><th>% Rec. Qual</th><th>Limits 50-150</th><th>Truevalue 250</th><th>MSD Value</th><th>% Rec. 84</th><th>/: SED Qual</th><th>50-150</th><th>RPD/RSD Qual 2</th><th>Limits 100</th></mdl<>	Truevalue 250	MS Value 215	% Rec. Qual	Limits 50-150	Truevalue 250	MSD Value	% Rec. 84	/: SED Qual	50-150	RPD/RSD Qual 2	Limits 100
Parameter 1,1,2-Trichloroethylene Tetrachloroethylene	Mdt 5 5	Rdl 10 10	Units ug/Kg ug/Kg	SampValue <mdl <mdl< th=""><th>Truevalue 250 250</th><th>MS Value 215 209</th><th>% Rec. Quat 86 84</th><th>Limits 50-150 50-150</th><th>Truevalue 250 250</th><th>MSD Vatue 209 210</th><th>% Rec. 84 84</th><th></th><th>50-150 50-150</th><th></th><th>Limits 100 100</th></mdl<></mdl 	Truevalue 250 250	MS Value 215 209	% Rec. Quat 86 84	Limits 50-150 50-150	Truevalue 250 250	MSD Vatue 209 210	% Rec. 84 84		50-150 50-150		Limits 100 100
Parameter 1,1,2-Trichloroethylene	Mdl 5	Rdl 10	Units ug/Kg	SampValue <mdl< td=""><td>Truevalue 250</td><td>MS Value 215</td><td>% Rec. Qual</td><td>Limits 50-150</td><td>Truevalue 250</td><td>MSD Value</td><td>% Rec. 84</td><td></td><td>50-150</td><td></td><td>Limits 100</td></mdl<>	Truevalue 250	MS Value 215	% Rec. Qual	Limits 50-150	Truevalue 250	MSD Value	% Rec. 84		50-150		Limits 100

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 04/27/01 11:43 Run ID: R65303 Workgroup: WG54742 (VSM 296)

Sample #	d4-1,2-Dichloroet- hane 70-121 103	d8-Toluene 4- 84-138 100	Bromofluorobenz- ene 59-113 100		
L20541-1 L20541-2 L20541-3 L20541-4 L20541-5 L20541-6 L20541-7 L20541-8 L20541-9 WG54742-1 WG54742-2 WG54742-5	hane 70-121 103 102 102 101 103 102 101 103 102 101 103 102 102 101 101 101 101	84-138 100 100 99 98 99 98 98 99 98 102 99	Bromofluorobenz- ene 59-113 100 99 100 97 99 99 99 98 98 98 98 100 100 99		
WG54742-1 WG54742-2 WG54742-5	102 101 101	102 99 99	100 100 99		

WORK GROUP REPORT (wk02)

Apr 23 2001, 09:29 am

Work Group: WG54882 (VSM296) for Department: 7 - Organics, Trace

Created: 20-APR-01

Due: Operator: gm

0541-10 - ',882-1 - ,882-2 - 882-3 - 54882-4	423001 Mercer Street Tunnel MB SB MS MSD	SED SED SED	S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED	SALTWTRSED WKGP U SALTWTRSED WKGP U SALTWTRSED WKGP U SALTWTRSED WKGP U SALTWTRSED WKGP U	20-APR-01 20-APR-01
ænts:	,				
54882-1 54882-2 6882-3 6882-4	CHEM: comp-3 / TAX: rep-3 MB010420 WG54882-1 L20541-10 WG54882-3 L20541-10				
•					

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 04/24/01 08:40 Run ID: R65373 Workgroup: WG54882 (VSM296)

arameter	Mdl	Rdl	Units	MB Value	Qual										
,1,2-Trichloroethylene etrachloroethylene	5 5	10 10	ug/Kg ug/Kg	<mdl <mdl< th=""><th></th><th></th><th></th><th></th><th>eri </th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<></mdl 					eri 						
thylbenzene	5 .	10	ug/Kg	<mdl< th=""><th></th><th>8</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>		8									
otal Xylenes	5	10	ug/Kg	<mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></mdl<>											
SB:WG54882-2 MB:WG54882-1	Matrix	: SALTWTF	RSED Listt	ype: ORVOA	-LOWSED M	ethod: EP	A 8260B (7-3-0	2-002) Pr	oject:	PKey: SED					
arameter	Mdl	Rdl	Units		Truevalue	SB Value	% Rec. Qual	Limits	Truevalue	Value	% Rec.	Qual	Limits	RPD/RSD Qual	
,1,2-Trichloroethylene etrachloroethylene	5	10 10	ug/Kg	<mdl< td=""><td>250</td><td>224</td><td>90</td><td>50-150</td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl<>	250	224	90	50-150							100
thylbenzene	5	10	ug/Kg ug/Kg	<mdl <mdl< td=""><td>250 250</td><td>233 238</td><td>93 95</td><td>50-150 50-150</td><td></td><td></td><td></td><td></td><td></td><td></td><td>100 100</td></mdl<></mdl 	250 250	233 238	93 95	50-150 50-150							100 100
otal Xylenes	5	10	ug/Kg	<mdl< td=""><td>500</td><td>482</td><td>96</td><td>50-150</td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl<>	500	482	96	50-150							100
S:WG54882-3 MSD:WG54882-4	1 20541-10	Matrix	• CAI TUTDOS	D Liette	ODVOA-1	OUGER WA	+k.d. EDA 0240	10 /7-3-02-	002\ "naad	AA+- /3700	9 DV.	e PEN			
prameter	Mdl	Rdl	Units				% Rec. Qual			MSD Value		SED Oual	limite	RPD/RSD Qual	l imi
1,2-Trichloroethylene	5	10	ug/Kg	<mdl< td=""><td>250</td><td>215</td><td>86</td><td>50-150</td><td>250</td><td>209</td><td>84</td><td>Quat</td><td>50-150</td><td>2</td><td>100</td></mdl<>	250	215	86	50-150	250	209	84	Qua t	50-150	2	100
trachloroethylene	5	10	ug/Kg	<mdl< td=""><td>250</td><td>209</td><td>84</td><td>50-150</td><td>250</td><td>210</td><td>84</td><td>1.000</td><td>50-150</td><td>Ō</td><td>100</td></mdl<>	250	209	84	50-150	250	210	84	1.000	50-150	Ō	100
hylbenzene	5	10	ug/Kg	<mdl< td=""><td>250</td><td>214</td><td>86</td><td>50-150</td><td>250</td><td>212</td><td>85</td><td></td><td>50-150</td><td>1</td><td>100</td></mdl<>	250	214	86	50-150	250	212	85		50-150	1	100
otal Xylenes	5	10	ug/Kg	<mdl< td=""><td>500</td><td>427</td><td>85</td><td>50-150</td><td>500</td><td>419</td><td>84</td><td></td><td>50-150</td><td>1</td><td>100</td></mdl<>	500	427	85	50-150	500	419	84		50-150	1	100
									111. 111. 111.						
						8									
									6000 6000 6000						
						8									
	538														
									6000 5000 5000						
									80a 888						
														10000000000000000000000000000000000000	
									6000 6000 6000						
						8			2005 2005 2005 2005						
									0000 0000 0000						38 (
		7.				*									
		17		8			400040000000000000000000000000000000000	100000000000000000000000000000000000000	0.000	000000000000000000000000000000000000000		20,000			
						8		000000000000000000000000000000000000000	75-7 20-3			1000000			
									1000 1000 0000 0000						

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 04/24/01 08:40 Run ID: R65373 Workgroup: WG54882 (VSM296)

Sample #	d4-1,2-Dichloroet- hane 70-121	d8-Toluene 4-Bromofluorobenz- ene 84-138 59-113	
L20541-10 WG54882-1 WG54882-2 WG54882-3 WG54882-4	d4-1,2-Dichloroet- hane 70-121 102 99 100 97 95	84-138 59-113 97 97 99 100 99 102 99 101 99 101 99 101	

METRO Environmental Laboratory

WORK GROUP REPORT (wk02)

Apr 25 2001, 02:41 pm

Work Group: WG54896 (VSM296) for Department: 7 - Organics, Trace

Created: 23-APR-01 Due: Operator: gm

20541-11	Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel	SED SED SED SED SED SED SED	S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED S VOA-GC/MS-LOWSED	SALTWTRSED WKGP U SALTWTRSED WKGP U SALTWTRSED WKGP U SALTWTRSED WKGP U SALTWTRSED WKGP U SALTWTRSED WKGP U	24-APR-01 26-MAY-01 24-APR-01 26-MAY-01 03-MAY-01 04-JUN-01 24-APR-01 26-MAY-01 24-APR-01 26-MAY-01 24-APR-01 26-MAY-01 03-MAY-01 04-JUN-01 23-APR-01
20541-12 CHEM: comp-3 20541-13 CHEM FREP 20541-14 CHEM: comp-3 20541-15 CHEM: comp-3 20541-16 CHEM: comp-3 20541-17 CHEM: comp-3	7 TAX: rep-3 7 TAX: rep-3 7 TAX: rep-3 7 TAX: rep-3 7 TAX: rep-3 7 TAX: rep-3 7 TAX: rep-3 7 TAX: rep-3				

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 04/25/01 02:32 Run ID: R65534 Workgroup: WG54896 (VSM296)

arameter	Mdl	Rdl	Units	MB Value	Qual										
,1,2-Trichloroethylene	5	10	ug/Kg	<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>AND DESCRIPTION OF THE PARTY OF</td><td></td><td></td><td></td><td></td></mdl<>							AND DESCRIPTION OF THE PARTY OF				
etrachloroethylene thylbenzene	5 5	10	ug/Kg	<mdl< td=""><td></td><td></td><td></td><td></td><td>98. 98.</td><td></td><td></td><td>10.000 (10.1 10.000 (10.1 10.000 (10.1)</td><td></td><td></td><td></td></mdl<>					98. 98.			10.000 (10.1 10.000 (10.1 10.000 (10.1)			
thytbenzene otal Xylenes	9 5	10 10	ug/Kg	<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>											
ocat Aytenes	•	10	ug/Kg	<mdl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>											
SB:WG54896-2 MB:WG54896-	1 Matrix:	OTHR SO	LID Listt	ype: ORVOA	-LOWSED	Method: EP/	N 8260B (7-3-02	2-002) Pr	oject: F	Key: SED				a di iliya di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacam Kacamatan di kacamatan	
arameter ,1,2-Trichloroethylene	Mdl	Rdl	Units	MB Value	Trueval	ue SB Value	% Rec. Qual		Truevalue	Value	% Rec.	Qual	Limits	RPD/RSD Qual	
etrachloroethylene	5 5	10 10	ug/Kg ug/Kg	<mdl <mdl< td=""><td>250 250</td><td>256 277</td><td>102</td><td>50-150</td><td></td><td></td><td></td><td>100000000</td><td></td><td></td><td>100</td></mdl<></mdl 	250 250	256 277	102	50-150				100000000			100
thylbenzene	5	10	ug/Kg ug/Kg	<mdl< td=""><td>250 250</td><td>274</td><td>111 110</td><td>50-150 50-150</td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl<>	250 250	274	111 110	50-150 50-150							100
otal Xylenes	5	10	ug/Kg	<mdl< td=""><td>500</td><td>547</td><td>109</td><td>50-150</td><td></td><td></td><td></td><td></td><td></td><td>18.844 8.8874 1996 </td><td>100</td></mdl<>	500	547	109	50-150						18.844 8.8874 1996 	100
•			-5, N5	1.02	700		107	JU ,JU	10.6 600 600						100
C-005/003.7 Non-UCE/003:0/	1205/4 40	- 		ikan samuran pendiki kecasa sa											
S:WG54882-3 MSD:WG54882-4															
arameter ,1,2-Trichloroethylene	Mdl 5	Rdl 10	Units ug/Kg	SampValue <mdl< td=""><td>250</td><td>ue MS Value 215</td><td>% Rec. Qual 86</td><td>Limits 50-150</td><td>Truevalue 250</td><td>MSD Value 209</td><td>% Rec.</td><td>Qual</td><td>Limits</td><td>RPD/RSD Qual</td><td></td></mdl<>	250	ue MS Value 215	% Rec. Qual 86	Limits 50-150	Truevalue 250	MSD Value 209	% Rec.	Qual	Limits	RPD/RSD Qual	
etrachloroethylene	5	10	ug/Kg	<mdl< td=""><td>250 250</td><td>209</td><td>84</td><td>50-150 50-150</td><td>250 250</td><td>209 210</td><td>84</td><td></td><td>50-150</td><td>2</td><td>100</td></mdl<>	250 250	209	84	50-150 50-150	250 250	209 210	84		50-150	2	100
thylbenzene	5	10	ug/Kg	<mdl< td=""><td>250</td><td>214</td><td>86</td><td>50-150</td><td>250</td><td>212</td><td>84 85</td><td></td><td>50-150 50-150</td><td>0</td><td>100</td></mdl<>	250	214	86	50-150	250	212	84 85		50-150 50-150	0	100
otal Xylenes	5	10	ug/Kg	<mdl< td=""><td>500</td><td>427</td><td>85</td><td>50-150</td><td>500</td><td>419</td><td>84</td><td></td><td>50-150 50-150</td><td>4</td><td>100 100</td></mdl<>	500	427	85	50-150	500	419	84		50-150 50-150	4	100 100
											0-1		20 120		150
									88. 88.						
									166 846	1000					
					4.0000										
									539 500 500			0.00			
					0.0000000000000000000000000000000000000										
						49990 48990									
			10000												
												9.5 496			5.7 288.
					10000 110000 2000 110000				100 100						
	1. Table 44 4 4 1. F						NAMES A SECTION OF SECTION SEC		497	A CONTRACTOR OF THE PROPERTY OF					
						200000	20000 - 20100000000000000000000000000000		600 800	0.000					bile troops

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 04/25/01 02:32 Run ID: R65534 Workgroup: WG54896 (VSM296)

Sample #	d4-1,2-Dichloroet- hane 70-121	d8-Toluene 4-Bromofluorobenz- ene 84-138 59-113	
L20541-11 L20541-12 L20541-13 L20541-14 L20541-15 L20541-16 L20541-17 L20541-18 L20541-19 Wg54896-1 Wg54896-2	101 102 103 101 100 100 100 100 100	ene 84-138 59-113 99 100 97 100 97 98 96 99 98 98 97 99 98 98 97 99 98 98 97 99 98 98 98 97 98 98 98 98 98 98	
L20541-19 WG54896-1 WG54896-2	101 101 101 101	98 101 100 97 99 102	

METRO Environmental Laboratory

WORK GROUP REPORT (wk02)

Apr 27 2001, 01:25 pm

Work Group: WG54914 (PPS#232-clpestpcb) for Department: 7 - Organics, Trace

Created: 24-APR-01 Due: Operator: lm/mm

20541-1 20541-10	423001 423001	Mercer Street Tunnel Mercer Street Tunnel	SED	S CLPESTPCB S CLPESTPCB	SALTWTRSED PREP	U 03-MAY-01 04-JUN-01
541-11	423001	Mercer Street Tunnel		S CLPESTPCB		U 24-APR-01 26-MAY-01
/541-12 /541-13	423001 423001	Mercer Street Tunnel Mercer Street Tunnel	2007/1000	S CLPESTPCB S CLPESTPCB	SALTWIRSED PREP	
0541-14	423001	Mercer Street Tunnel		S CLPESTPCB	SALTWIRSED PREP	
7541-15	423001	Mercer Street Tunnel		S CLPESTPCB	SALTWIRSED PREP	AND A SECURITION OF CONTRACTOR
541-16	423001	Mercer Street Tunnel	SED	S CLPESTPCB	SALTWIRSED PREP	U 24-APR-01 26-MAY-01
541-17	423001	Mercer Street Tunnel	20000000	S CLPESTPCB	SALTWTRSED PREP	40 F G 74 F G 64 F F G 65 G 74 F G 65 F F G 65 F G
0541-18	423001 423001	Mercer Street Tunnel		S CLPESTPCB S CLPESTPCB		U 03-MAY-01 04-JUN-01
0541-19 7541-2	423001	Mercer Street Tunnel Mercer Street Tunnel		S CLPESTPCB	SALTWIRSED PREP I	
1541-3	423001	Mercer Street Tunnel		S CLPESTPCB	SALTWTRSED PREP I	
D541-4	423001	Mercer Street Tunnel		S CLPESTPCB	SALTWTRSED PREP (
0541-5	423001	Mercer Street Tunnel	000000000	S CLPESTPCB	SALTWIRSED PREP I	
0541-6)541-7	423001 423001	Mercer Street Tunnel Mercer Street Tunnel		S CLPESTPCB S CLPESTPCB	SALTWIRSED PREP I SALTWIRSED PREP I	
)541÷8	423001	Mercer Street Tunnel		S CLPESTPCB	SALTWIRSED PREP I	
9541-9	423001	Mercer Street Tunnel		S CLPESTPCB	SALTWIRSED PREP I	
54914-1	MB			S CLPESTPCB	OTHR SOLID PREP (
54914-10	SRM		2000000000	S CLPESTPCB	OTHR SOLID PREP (
4914-2 4914-3ن	SB SB		A. A. A. A. A. A. A. A. A. A. A. A. A. A	S CLPESTPCB S CLPESTPCB	OTHR SOLID PREP I	
34914-4	MS			S CLPESTPCB	SALTWIRSED PREP (
54914-5	MSD		SED	S CLPESTPCB	SALTWTRSED PREP (
54914-6	MS			S CLPESTPCB	SALTWIRSED PREP (
14914-7	MSD			S CLPESTPCB	SALTWIRSED PREP U	
4914-8 54914-9	LD SRM			S CLPESTPCB S CLPESTPCB	SALTWIRSED PREP L OTHR SOLID PREP L	
nments:						
) 541-1		/ TAX: rep-3				
0541-10 0544-41		/ TAX: rep-3	5666555555 666665555 55564,555			
0541-11)541-12		/ TAX: rep-3 / TAX: rep-3	200000			
)541-13	CHEM FREP	7 TAX: 1 CP 3				
D541-14		/ TAX: rep-3				
0541-15		/ TAX: rep-3	100 m			
0541-16		/ TAX: rep-3				
)541-17)541-18		/ TAX: rep-3 / TAX: rep-3				
b541-19	CHEM FREP	,				
0541-2		/ TAX: rep-3				
0541-3		/ TAX: rep-3				
		/ TAX: rep-3 / TAX: rep-3				
)541-4	CKEM: comp-1					
)541-4)541-5	CHEM: comp-3	/ TAX: rep-3	3.7 - 4.			
541-4 541-5 541-6 541-7	CHEM: comp-3 CHEM: comp-3	/ TAX: rep-3 / TAX: rep-3				
541-4 541-5 541-6 541-7 541-8	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3				
1541-4 1541-5 1541-6 1541-7 1541-8 1541-9	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3				
1541-4 1541-5 1541-6 1541-7 1541-8 541-9 4914-1	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 MB042401 HS2	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3				
1541-4 1541-5 1541-6 1541-7 1541-8 541-9 4914-1 4914-10	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 MB042401 HS2 WG54914-1	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3				
1541-4 1541-5 1541-6 1541-7 1541-8 1541-9 14914-1 4914-1 4914-2 4914-2	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 MB042401 HS2 WG54914-1 WG54914-1	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3				
1541-4 1541-5 1541-6 1541-7 1541-8 1541-9 4914-1 4914-1 4914-2 4914-2	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 MB042401 HS2 WG54914-1 WG54914-1 L20541-1	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3 / TAX: rep-3				
	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 MB042401 HS2 WG54914-1 WG54914-1	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3 / TAX: rep-3				
1541-4 1541-5 1541-6 1541-7 1541-8 1541-9 14914-1 14914-10 14914-2 14914-3 14914-3	CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 CHEM: comp-3 MB042401 HS2 WG54914-1 WG54914-1 L20541-1 WG54914-4 L20	/ TAX: rep-3 / TAX: rep-3 / TAX: rep-3 / TAX: rep-3				

MB:WG54914-1 Matrix: OTHR SOLID Listtype: ORPP Method: EPA 8081A/8082 (7-3-03-002) Project: PKey: SED Parameter Mdl Ral Units MB Value Qual Alpha-BHC .27 .533 ug/Kg <MDL Beta-BHC .27 .533 ug/Kg <MDL Delta-RHC .27 .533 <MDL ug/Kg Gamma-BHC (Lindane) .27 .533 <MDL ug/Kg Heptachlor .27 .533 ug/Kg <MDL Aldrin .27 .533 ug/Kg <MDL Heptachlor Epoxide .27 .533 <MDL ug/Kg Endosulfan I .27 .533 <MDL ug/Kg Dieldrin .27 .533 <MDL ug/Kg 4.41-DDE .27 .533 <MDL ug/Kg Endrin .27 .533 ug/Kg <MDL Endosulfan II .27 .533 ug/Kg <MDL 4.41-DDD .27 .533 ug/Kg <MDL Endrin Aldehyde .27 .533 <MDL ug/Kg Endosulfan Sulfate .27 .533 <MDL ug/Kg 4.41-DDT .27 .533 <MDL ug/Kg Methoxychlor 1.3 2.67 <MDL ug/Kg Chlordane .27 .533 ug/Kg <MDL Toxaphene 2.7 5.33 ug/Kg <MDL Aroclor 1016 2.7 5.33 ug/Kg <MDL Aroclor 1221 2.7 5.33 ug/Kg <MDL Aroclor 1232 2.7 5.33 ug/Kg <MDL Aroclor 1242 2.7 5.33 <MDL ug/Kg Aroclor 1248 2.7 5.33 <MDL ug/Kg Aroclor 1254 5.33 2.7 ug/Kg <MDL Aroclor 1260 2.7 5.33 ug/Kg <MDL SB:WG54914-2 MB:WG54914-1 Matrix: OTHR SOLID Listtype: ORPP Method: EPA 8081A/8082 (7-3-03-002) Project: PKey: SED Parameter Rdl Units MB Value Truevalue SB Value % Rec. Qual Limits Truevalue Value % Rec. Qual Limits RPD/RSD Qual Limits Alpha-BHC .27 .533 ug/Kg <MDL 2,6667 1.7 64 50-150 Beta-BHC .27 .533 2.6667 2.27 85 50-150 ug/Kg <MDL Delta-BHC .27 .533 ug/Kg <MDL 2.6667 2.52 95 50-150 Gamma-BHC (Lindane) .27 .533 <MDL 2.6667 73 50-150 ug/Kg 1.95 Heptachlor .27 .533 ug/Kg <MDL 2.6667 1.91 72 50-150 Aldrin .27 .533 <MDL 2.6667 1.82 68 50-150 ug/Kg Heptachlor Epoxide .27 .533 <MDL 2.6667 2,35 88 50-150 ug/Kg Endosulfan I .27 .533 2.6667 86 ug/Kg <MDL 2.31 50-150 Dieldrin .27 .533 2.6667 2.52 95 ug/Kg <MDL 50-150 4,41-DDE .27 .533 2.6667 2,52 94 ug/Kg <MDL 50-150 Endrin .27 .533 ug/Kg <MDL 2,6667 2.94 110 50-150 Endosulfan II .533 2.45 .27 ug/Kg <MDL 2.6667 92 50-150 4,41-DDD .27 .533 ug/Kg <MDL 2.6667 2.59 97 50-150 Endrin Aldehyde .27 .533 2.6667 <MDL <MDL 0 50-150 ug/Kg Endosulfan Sulfate .27 .533 ug/Kg <MDL 2.6667 2.24 84 50-150 4.4'-DDT .27 .533 <MDL 2.6667 2.84 107 50+150 ug/Kg Methoxychlor 1.3 2.67 2.6667 2.93 50~150 ug/Kg <MDL 110

Page 1

SB:WG54914-3 MB:WG54914-	1 Matrix	: SALTWIF	RSED Listi	vpe: ORPP	Method: El	PA 8081A/8	1082 (7-3-03-00)2) Proje	ect: PKev	: SED				
Parameter	Mdl	Rdl	Units	MB Value	Truevalue		% Rec. Qual		Truevalue		% Rec. Qu	al Limits	RPD/RSD Qual	Limits
Aroclar 1016	2.7	5.33	ug/Kg	<mdl< td=""><td>20</td><td>14.4</td><td>72</td><td>50-150</td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>	20	14.4	72	50-150						
Aroclor 1260	2.7	5.33	ug/Kg	<mdl< td=""><td>20</td><td>21.9</td><td>110</td><td>50+150</td><td></td><td></td><td></td><td></td><td></td><td></td></mdl<>	20	21.9	110	50+150						
MS:WG54914-4 MSD:WG54914-5	5 L20541-1	Matrix:	SALTWTRSE) Listtype	: ORPP Me	thod: EPA	8081A/8082 (7-	3-03-002) Project:	423001	PKey: SED			
Parameter	Mdl	Rdl	Units		: Truevalue		% Rec. Qual				e % Rec. Qu		RPD/RSD Qual	Limits
Alpha-BHC	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.53</td><td>95</td><td>50+150</td><td>2.6667</td><td>2.21</td><td>83</td><td>50-150</td><td>13</td><td>100</td></mdl<>	2.6667	2.53	95	50+150	2.6667	2.21	83	50-150	13	100
Beta-BHC	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.45</td><td>92</td><td>50-150</td><td>2.6667</td><td>2.11</td><td>79</td><td>50-150</td><td>15</td><td>100</td></mdl<>	2.6667	2.45	92	50-150	2.6667	2.11	79	50-150	15	100
Delta-BHC	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.64</td><td>99</td><td>50-150</td><td>2.6667</td><td>2.45</td><td>92</td><td>50-150</td><td>7</td><td>100</td></mdl<>	2.6667	2.64	99	50-150	2.6667	2.45	92	50-150	7	100
Gamma-BHC (Lindane)	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.43</td><td>91</td><td>50-150</td><td>2.6667</td><td>2.11</td><td>79</td><td>50-150</td><td>14</td><td>100</td></mdl<>	2.6667	2.43	91	50-150	2.6667	2.11	79	50-150	14	100
Heptachlor	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.77</td><td>104</td><td>50-150</td><td>2.6667</td><td>2.27</td><td>85</td><td>50-150</td><td>20</td><td>100</td></mdl<>	2.6667	2.77	104	50-150	2.6667	2.27	8 5	50-150	20	100
Aldrin	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.45</td><td>92</td><td>50+150</td><td>2.6667</td><td>2.16</td><td>81</td><td>50-150</td><td>13</td><td>100</td></mdl<>	2.6667	2.45	92	50+150	2.6667	2.16	81	50-150	13	100
Heptachlor Epoxide	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.67</td><td>100</td><td>50-150</td><td>2.6667</td><td>2.34</td><td>88</td><td>50-150</td><td>13</td><td>100</td></mdl<>	2.6667	2.67	100	50-150	2.6667	2.34	88	50-150	13	100
Endosulfan I	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.54</td><td>95</td><td>50-150</td><td>2.6667</td><td>2.13</td><td>80</td><td>50-150</td><td>17</td><td>100</td></mdl<>	2.6667	2.54	95	50-150	2.6667	2.13	80	50-150	17	100
Dieldrin	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>3.03</td><td>114</td><td>50-150</td><td>2.6667</td><td>2.45</td><td>92</td><td>50-150</td><td>21</td><td>100</td></mdl<>	2.6667	3.03	114	50-150	2.6667	2.45	92	50-150	21	100
4,4'-DDE	.27	.533	ug/Kg	.84	2.6667	3.52	101	50-150	2.6667	3,15	87	50-150	15	100
Endrin	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>3.22</td><td>121</td><td>50-150</td><td>2.6667</td><td>3.18</td><td>119</td><td>50-150</td><td>2</td><td>100</td></mdl<>	2.6667	3.22	121	50-150	2.6667	3.18	119	50-150	2	100
Endosulfan II	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>3.58</td><td>134</td><td>50-150</td><td>2.6667</td><td>3.12</td><td>117</td><td>50-150</td><td>14</td><td>100</td></mdl<>	2.6667	3.58	134	50-150	2.6667	3.12	117	50-150	14	100
4,4'-DDD	.27	.533	ug/Kg	4.52	2.6667	8.51	150	50+150	2.6667	12.2	288 *		63	100
Endrin Aldehyde	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>1.06</td><td>40 G</td><td>50-150</td><td>2.6667</td><td>.961</td><td>36 *</td><td>50-150</td><td>11</td><td>100</td></mdl<>	2.6667	1.06	40 G	50-150	2.6667	.961	36 *	50-150	11	100
Endosulfan Sulfate	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.06</td><td>77</td><td>50-150</td><td>2.6667</td><td>1.93</td><td>72</td><td>50-150</td><td>7</td><td>100</td></mdl<>	2.6667	2.06	77	50-150	2.6667	1.93	72	50-150	7	100
4,4'-DDT	.27	.533	ug/Kg	<mdl< td=""><td>2.6667</td><td>2.66</td><td>100</td><td>50-150</td><td>2.6667</td><td><mdl< td=""><td>0 *</td><td>50-150</td><td>200 *</td><td>100</td></mdl<></td></mdl<>	2.6667	2.66	100	50-150	2.6667	<mdl< td=""><td>0 *</td><td>50-150</td><td>200 *</td><td>100</td></mdl<>	0 *	50-150	200 *	100
Methoxychlor	1.3	2.67	ug/Kg	<mdl< td=""><td>2.6667</td><td>2-5-</td><td>94 ,</td><td>50-150</td><td>2.6667</td><td>24</td><td>90</td><td>√ 50-150</td><td></td><td>100</td></mdl<>	2.6667	2-5-	94 ,	50-150	2.6667	24	90	√ 50-150		100
Chlordane	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl td="" ₹<=""><td>Chloreton</td><td>50-150</td><td>0.60: 0.60:</td><td><mdl*< td=""><td>chlordan 1</td><td>9 50-150</td><td></td><td>100</td></mdl*<></td></mdl></td></mdl<>		<mdl td="" ₹<=""><td>Chloreton</td><td>50-150</td><td>0.60: 0.60:</td><td><mdl*< td=""><td>chlordan 1</td><td>9 50-150</td><td></td><td>100</td></mdl*<></td></mdl>	Chloreton	50-150	0.60: 0.60:	<mdl*< td=""><td>chlordan 1</td><td>9 50-150</td><td></td><td>100</td></mdl*<>	chlordan 1	9 50-150		100
Toxaphene	2.7	5.33	ug/Kg	<mdl< td=""><td></td><td>│ <mdl td="" 🔏<=""><td>per</td><td>50~150</td><td>/</td><td><mdl)<="" td=""><td>* PCBS</td><td>50-150</td><td></td><td>100</td></mdl></td></mdl></td></mdl<>		│ <mdl td="" 🔏<=""><td>per</td><td>50~150</td><td>/</td><td><mdl)<="" td=""><td>* PCBS</td><td>50-150</td><td></td><td>100</td></mdl></td></mdl>	per	50~150	/	<mdl)<="" td=""><td>* PCBS</td><td>50-150</td><td></td><td>100</td></mdl>	* PCBS	50-150		100
Aroclor 1016	2.7	5.33	ug/Kg	<mdl< td=""><td>- 1</td><td><mdl <="" td=""><td>\`L</td><td>50-150</td><td>· /</td><td><mdl <="" td=""><td>1 V</td><td>50-150</td><td></td><td>100</td></mdl></td></mdl></td></mdl<>	- 1	<mdl <="" td=""><td>\`L</td><td>50-150</td><td>· /</td><td><mdl <="" td=""><td>1 V</td><td>50-150</td><td></td><td>100</td></mdl></td></mdl>	\`L	50-150	· /	<mdl <="" td=""><td>1 V</td><td>50-150</td><td></td><td>100</td></mdl>	1 V	50-150		100
Aroclor 1221	2.7	5.33	ug/Kg	<mdl< td=""><td>1</td><td><mdł< td=""><td>\ not</td><td>50-150</td><td>· /</td><td><mdl< td=""><td>\ not</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdł<></td></mdl<>	1	<mdł< td=""><td>\ not</td><td>50-150</td><td>· /</td><td><mdl< td=""><td>\ not</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdł<>	\ not	50-150	· /	<mdl< td=""><td>\ not</td><td>50-150</td><td></td><td>100</td></mdl<>	\ not	50-150		100
Aroclor 1232	2.7	5.33	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td>analyzef</td><td>50-150</td><td>₩ 1</td><td>SMOL</td><td>الله الله</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		<mdl< td=""><td>analyzef</td><td>50-150</td><td>₩ 1</td><td>SMOL</td><td>الله الله</td><td>50-150</td><td></td><td>100</td></mdl<>	analyzef	50-150	₩ 1	SMOL	الله الله	50-150		100
Aroclor 1242	2.7	5.33	ug/Kg	<mdl< td=""><td>1</td><td>∕MDL</td><td>100</td><td>50-150</td><td></td><td>/<mdl< td=""><td>regulter</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>	1	∕MDL	100	50-150		/ <mdl< td=""><td>regulter</td><td>50-150</td><td></td><td>100</td></mdl<>	regulter	50-150		100
Aroclor 1248	2.7	5.33	ug/Kg	42.6	1	/ <mdl< td=""><td>/ </td><td>50-150</td><td>- \ /</td><td><mdl< td=""><td>1.0</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>	/ 	50-150	- \ /	<mdl< td=""><td>1.0</td><td>50-150</td><td></td><td>100</td></mdl<>	1.0	50-150		100
Aroclor 1254	2.7	5.33	ug/Kg	90	\/	<mdl <="" td=""><td>reported</td><td>50-150</td><td>✓ Y</td><td><mdl< td=""><td>1</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl>	reported	50-150	✓ Y	<mdl< td=""><td>1</td><td>50-150</td><td></td><td>100</td></mdl<>	1	50-150		100
Aroclor 1260	2.7	5.33	ug/Kg	75.3	X	<mdl <="" td=""><td></td><td>50-150</td><td>· /\</td><td><mdl <="" td=""><td></td><td>50-150</td><td></td><td>100</td></mdl></td></mdl>		50-150	· /\	<mdl <="" td=""><td></td><td>50-150</td><td></td><td>100</td></mdl>		50-150		100
-	- 77	A TITLE			`		ر مرد		· \		CBE,			
		le Se				(ME 8/27	101			8/2	7/01		
MS:WG54914-6 MSD:WG54914-	7 L20541-2	Matrix:	SALTWIRSE	D Listtype	e: ORPP Me	thod: EPA	8081A/8082 (7	-3-03-002) Project:	423001	PKey: SED			
Parameter	Mdl	Rdl	Units	SampValue	e Truevalue	MS Value	% Rec. Qual	Limits	Truevalue	MSD Valu	ie % Rec. Qu	al Limits	RPD/RSD Qual	Limits
Alpha-BHC	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Beta-BHC	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Delta-BHC	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Gamma-BHC (Lindane)	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Heptachlor	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Aldrin	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Heptachlor Epoxide	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td>1.000 1000</td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td>1.000 1000</td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150	1.000 1000	<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Endosulfan I	.27	.533	ug/Kg	<mdl< td=""><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
Dieldrin	.27	.533	ug/Kg	<mdl< td=""><td>900000000000000000000000000000000000000</td><td><mdl< td=""><td>0.0000000000000000000000000000000000000</td><td>50-150</td><td>5666 S</td><td><mdl< td=""><td>ese 30</td><td>50-150</td><td>skisuko uhissisistä men</td><td>100</td></mdl<></td></mdl<></td></mdl<>	900000000000000000000000000000000000000	<mdl< td=""><td>0.0000000000000000000000000000000000000</td><td>50-150</td><td>5666 S</td><td><mdl< td=""><td>ese 30</td><td>50-150</td><td>skisuko uhissisistä men</td><td>100</td></mdl<></td></mdl<>	0.0000000000000000000000000000000000000	50-150	5666 S	<mdl< td=""><td>ese 30</td><td>50-150</td><td>skisuko uhissisistä men</td><td>100</td></mdl<>	ese 30	50-150	skisuko uhissisistä men	100
4,4'-DDE	.27	.533	ug/Kg	.711		<mdl< td=""><td></td><td>50-150</td><td></td><td><mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>		50-150		<mdl< td=""><td></td><td>50-150</td><td></td><td>100</td></mdl<>		50-150		100
7,7 006	. 21		ug/kg	. • • • • •		\MUL		טכו -טכ		NO L		30-130		100

MS:WG54914-6 MSD:WG54914-7 L20541-2 Matrix: SALTWTRSED Listtype: ORPP Method: EPA 8081A/8082 (7-3-03-002) Project: 423001 PKey: SED SampValue Truevalue MS Value % Rec. Qual Limits Parameter Mdl Rdl Truevalue MSD Value % Rec. Qual RPD/RSD Qual Units Limits Limits Endrin .27 .533 ug/Kg <MDL <MDL 50-150 <MDL 50-150 Endosulfan II .27 .533 <MDL <MDL 50-150 <MDL 50-150 100 ug/Kg 4.41-DDD .27 .533 3.54 50-150 50-150 100 ug/Kg <MDL <MDL Endrin Aldehyde .27 .533 50-150 100 50-150 ug/Kg <MDL <MDL <MDL 50-150 Endosulfan Sulfate .27 .533 ug/Kg <MDL <MDL 50-150 <MDL 100 4,41-DDT .533 .27 ug/Kg <MDL <MDL 50-150 <MDL 50-150 100 Methoxychlor 1.3 2.67 <MDL <MDL 50-150 <MDL 50-150 100 ug/Kg Chlordane .27 .533 <MDL <MDL 50-150 <MDL 50-150 100 ug/Kg Toxaphene 2.7 5.33 ug/Kg <MDL <MDL 50-150 <MDL 50-150 100 Aroclor 1016 2.7 5.33 ug/Kg <MDL 20 28 140 50-150 20 28.1 140 50-150 0 100 Aroclor 1221 2.7 5.33 <MDL <MDL 50-150 <MDL 50-150 100 ug/Kg Aroclor 1232 2.7 5.33 <MDL <MDL 50-150 <MDL 50-150 100 ug/Kg Aroclor 1242 2.7 5.33 <MDL <MDL 50-150 <MDL 50-150 100 ug/Kg Aroclor 1248 2.7 5.33 23.4 50-150 100 <MDL 50-150 <MDL ug/Kg Aroclor 1254 2.7 5.33 58.4 50-150 59.6 50-150 100 ug/Kg 48.7 Aroclor 1260 57 2.7 5.33 ug/Kg 20 65.7 50-150 67.9 50-150 23 100 LD:WG54914-8 L20541-3 Matrix: SALTWTRSED Listtype: ORPP Method: EPA 8081A/8082 (7-3-03-002) Project: 423001 PKey: SED Parameter Mdl SampValue Truevalue LD Value % Rec. Qual Limits RPD/RSD Qual Units Limits Alpha-BHC .27 .533 ug/Kg <MDL <MDL 100 Beta-BHC .27 .533 ug/Kg <MDL <MDL 100 .27 Delta-BHC .533 <MDL <MDL 100 ug/Kg Gamma-BHC (Lindane) .27 .533 ug/Kg <MDL <MDL 100 Heptachlor .27 .533 <MDL <MDL 100 ug/Kg Aldrin .27 .533 <MDL <MDL 100 ug/Kg Heptachlor Epoxide .27 .533 100 ug/Kg <MDL <MDL .27 Endosulfan I .533 ug/Kg <MDL <MDL 100 Dieldrin .27 .533 ug/Kg <MDL 100 <MDL 4.41-DDE .27 .533 .837 28 100 ug/Kg 1.11 Endrin .27 .533 100 ug/Kg <MDL <MDL Endosulfan II .27 .533 <MDL <MDL 100 ug/Kg 4,41-DDD .27 .533 9.65 100 ug/Kg 5.04 63 Endrin Aldehyde .27 .533 <MDL <MDL 100 ug/Kg .27 Endosulfan Sulfate .533 ug/Kg <MD L <MDL 100 4,4'-DDT .27 .533 ug/Kg <MDL <MDL 100 2.67 Methoxychlor 1.3 <MDL <MDL 100 ug/Kg Chlordane .27 .533 ug/Kg <MDL <MDL 100 Toxaphene 2.7 5.33 <MDL <MDL 100 ug/Kg Aroclor 1016 2.7 5.33 <MDL ug/Kg <MDL 100 Aroclor 1221 2.7 5.33 <MDL ug/Kg <MDL 100 Aroclor 1232 2.7 5.33 uq/Kq <MDL <MDL 100 Aroclor 1242 2.7 5.33 <MDL ug/Kg <MDL 100 Aroclor 1248 2.7 5.33 59.1 53.7 10 100 ug/Kg Aroclor 1254 2.7 5.33 119 101 17 100 ug/Kg Aroclor 1260 2.7 5.33 71.3 13 ug/Kg 81.1 100

Page 3

Parameter 4.4'-DDE	trix: OTHR SOLID Listty Mdl Rdl 2.7 10.7		SampValue Truevalue			PKey: SED		RPD/RSD Qual	Limits
4,4'-DDD 4,4'-DDT Aroclor 1254	2.7 10.7 5.3 10.7 53 107	ug/Kg ug/Kg ug/Kg	6.4427 4.9493	4.5 <mdl <mdl< th=""><th>91</th><th>80-120 80-120 80-120</th><th></th><th></th><th></th></mdl<></mdl 	91	80-120 80-120 80-120			
Parameter	latrix: OTHR SOLID Listi	. Units	thod: EPA 8081A/808; SampValue Truevalue	SRM Valu		Limits		RPD/RSD Qual	Limits
4,4'-DDE 4,4'-DDD 4,4'-DDT Aroclor 1254	.53 1.07 .53 1.07 .53 1.07 5.3 10.7	ug/Kg ug/Kg ug/Kg ug/Kg	111.7867	<mdl <mdl< td=""><td>96</td><td>80-120 80-120 80-120 80-120</td><td></td><td></td><td></td></mdl<></mdl 	96	80-120 80-120 80-120 80-120			

Sample #	2,4,5,6-Tetrachlo- ro-m-xylene 50-150	Decachlorobipheny- l 50-150		
L20541-10 L20541-10 L20541-11 L20541-12 L20541-13 L20541-14 L20541-15 L20541-16	95 95 93 95 95 113 78 41	123 114 102 121 99 95		
L20541-16 L20541-17 L20541-18 L20541-19 L20541-2 L20541-3 L20541-4 L20541-5	24 20 16 46 44 91	101 93 86 89 110 106 114		
L20541-6 L20541-7 L20541-8 L20541-9 WG54914-1	92 85 88 90 87 27 34 36 37	101 104 121 96 87 98 98		
WG54914-2 WG54914-3 WG54914-4 WG54914-5 WG54914-7 WG54914-7 WG54914-8 WG54914-9	37 104 94 92 50 27 22	111 98 104 97 111 98 101		
			-	

METRO Environmental Laboratory

WORK GROUP REPORT (wk02)

May 01 2001, 01:26 pm

Work Group: WG54935 (BS#108-BNALL) for Department: 7 - Organics, Trace

Created: 25-APR-01 Due: Operator: lm/mm

\$2501 Mercer Street Tunnel \$5D	20541-1 423001 20541-10 423001 541-11 423001 541-12 423001 0541-13 423001 00541-14 423001 00541-15 423001 541-16 423001	Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel	SED SED SED SED SED SED	S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL	SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U	03-MAY-01 04-JUN-01 24-APR-01 26-MAY-0 24-APR-01 26-MAY-01 24-APR-01 26-MAY-01 03-MAY-01 04-JUN-01 24-APR-01 26-MAY-01
## SED S BNALL SALTHTRSED PREP U 24-APR-01 26-MAY-01 26-	541-17 423001 0541-18 423001 0541-19 423001 	Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel Mercer Street Tunnel	SED SED SED SED SED SED SED SED SED SED	S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL	SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U	24-APR-01 26-MAY-01 03-MAY-01 04-JUN-01 03-MAY-01 04-JUN-01 23-APR-01 25-MAY-01 23-APR-01 25-MAY-01 24-APR-01 25-MAY-01 23-APR-01 25-MAY-01 23-APR-01 25-MAY-01 23-APR-01 25-MAY-01
CHEM: comp-3 / TAX: rep-3 T	541-9 423001 54935-1 MB 54935-2 SB 4935-3 MS 4935-4 MSD 4935-5 LD		SED SED SED	S BNALL S BNALL S BNALL S BNALL S BNALL S BNALL	SALTWTRSED PREP U OTHR SOLID PREP U OTHR SOLID PREP U SALTWTRSED PREP U SALTWTRSED PREP U SALTWTRSED PREP U	24-APR-01 26-MAY-01 25-APR-01 25-APR-01 25-APR-01 25-APR-01 25-APR-01
541-4 CHEM: comp-3 / TAX: rep-3 541-5 CHEM: comp-3 / TAX: rep-3 541-6 CHEM: comp-3 / TAX: rep-3 541-7 CHEM: comp-3 / TAX: rep-3 541-8 CHEM: comp-3 / TAX: rep-3 541-9 CHEM: comp-3 / TAX: rep-3 4935-1 MB042501 4935-2 WG54935-1	1541-1 CHEM: CO 1541-10 CHEM: CO 1541-11 CHEM: CO 1541-12 CHEM: CO 1541-13 CHEM: CO 1541-14 CHEM: CO 1541-15 CHEM: CO 1541-16 CHEM: CO 1541-16 CHEM: CO 1541-17 CHEM: CO 1541-19 CHEM: CO 1541-19 CHEM: CO	mp-3 / TAX: rep-3 mp-3 / TAX: rep-3 mp-3 / TAX: rep-3 pp-3 / TAX: rep-3 mp-3 / TAX: rep-3 mp-3 / TAX: rep-3 mp-3 / TAX: rep-3 mp-3 / TAX: rep-3 pp-3 / TAX: rep-3 pp-3 / TAX: rep-3	esf			
사용하다 보고 있는데 보고 있는데 보고 있는데 보고 있는데 보고 있는데 보고 있는데 보고 있는데 보고 있는데 보고 있는데 보고 있다. 	541-4 CHEM: CC 541-5 CHEM: CC 1541-6 CHEM: CC 541-8 CHEM: CC 541-9 CHEM: CC 4935-1 MB042501 4935-2 WG54935- 4935-3 WG54935- 4935-4 WG54935- 4935-4 WG54935-	mp-3 / TAX: rep-3 mp-3 / TAX: rep-3				

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 06/19/01 09:25 Run ID: R66569 Workgroup: WG54935 (BS#108-BNALL)

MB: WG54935-1 Matrix: OTHR SOLID Listtype: ORBNALL Method: EPA 35508/8270C (7-3-01-004) Project: PKey: SED Parameter Mdl RdL Units MB Value Qual N-Nitrosodimethylamine 20 40 ug/Kg <MDL Phenol 18 ug/Kg <MDL Bis(2-Chloroethyl)Ether 15 30 ug/Kg <MDL 2-Chlorophenol 16 <MDL ug/Kg 1,3-Dichlorobenzene .26 .53 ug/Kg <MDL 1,4-Dichlorobenzene .13 .264 ug/Kg <MDL 1,2-Dichlorobenzene .53 .26 ug/Kg <MDL Bis(2-Chloroisopropyl)Ether 15 30 <MDL ug/Kg N-Nitrosodi-N-Propylamine 9 18 ug/Kg <MDL **Hexachloroethane** 15 30 ug/Kg <MDL Nitrobenzene 16 32 <MDL ug/Kg Isophorone 19 38 <MDL ug/Kg 2-Nitrophenol 15 30 <MDL ug/Kg 2,4-Dimethylphenol 14 ug/Kg <MDL Bis(2-Chloroethoxy)Methane 17 34 ug/Kg <MDL 32 2,4-Dichlorophenol 16 ug/Kg <MDL .53 1,2,4-Trichlorobenzene .26 <MDL ug/Kg Naphthal ene 28 <MDL 14 ug/Kg Hexachlorobutadiene .75 1.5 ug/Kg <MDL 2,4,6-Trichlorophenol 13 26 ug/Kg <MDL 2-Chloronaphthalene 16 32 ug/Kg <MDL Acenaphthylene 15 30 ug/Kg <MDL Dimethyl Phthalate 22 11 ug/Kg <MDL 2.6-Dinitrotoluene 10 20 ug/Kg <MDL Acenaphthene 7 14 <MDL ug/Kg 2.4-Dinitrotoluene 6 <MDL ug/Kg Fluorene 13 26 ug/Kg <MDL Diethyl Phthalate 12 <MDL ug/Kg 4-Chlorophenyl Phenyl Ether 13 26 ug/Kg <MDL N-Nitrosodiphenylamine 20 40 ug/Kg <MDL 1,2-Diphenylhydrazine 10 20 ug/Kg <MDL 4-Bromophenyl Phenyl Ether 9 18 <MDL ug/Kg Hexachlorobenzene .66 1.33 ug/Kg <MDL Pentachlorophenol 10 ug/Kg <MDL Phenanthrene 8 ug/Kg <MDL Anthracene 8 ug/Kg <MDL Di-N-Butyl Phthalate 10 ug/Kg 10.5 Fluoranthene 16 <MDL ug/Kg Pyrene 8 <MDL ug/Kg Benzyl Butyl Phthalate 12 ug/Kg <MDL Benzo(a)anthracene ug/Kg <MDL Chrysene 8 <MDL ug/Kg Bis(2-Ethylhexyl)Phthalate 14 <MDL ug/Kg Di-N-Octvl Phthalate 16 ug/Kg <MDL Benzo(b)fluoranthene 6 ug/Kg <MDL Benzo(k)fluoranthene 6 ug/Kg <MDL Benzo(a)pyrene 6 ug/Kg <MDL Indeno(1,2,3-Cd)Pyrene ug/Kg 18 <MDL Dibenzo(a,h)anthracene 14 <MDL ug/Kg Benzo(g,h,i)perylene 8 16 ug/Kg <MDL Aniline 19 38 ug/Kg <MDL

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 06/19/01 09:25 Run ID: R66569 Workgroup: WG54935 (BS#108-BNALL)

MB:WG54935-1 Matrix: OTHR SOLID Listtype: ORBNALL Method: EPA 3550B/8270C (7-3-01-004) Project: PKey: SED Mdl Rdl Units MB Value Qual Parameter Benzyl Alcohol 12 ug/Kg IGM> 6 2-Methylphenol 19 38 <MDL ug/Kg 32 4-Methylphenol ug/Ka 16 <MDL 12 Benzoic Acid 6 ug/Kg <MDL 2-Methylnaphthalene 14 28 ug/Kg <MD1. 2,4,5-Trichlorophenol 12 24 ug/Kg <MDL Dibenzofuran 28 uq/Kg <MDL 14 Carbazole ug/Kg <MDL Coprostanol 14 28 ug/Kg <MD1 Caffeine 12 ug/Kg <MDL SB:WG54935-2 MB:WG54935-1 Matrix: OTHR SOLID Listtype: ORBNALL Method: EPA 3550B/8270C (7-3-01-004) Project: PKev: SED Mdl Rdl MB Value Truevalue SB Value % Rec. Qual Limits Limits Parameter Units Truevalue Value % Rec. Qual Limits RPD/RSD Qual N-Nitrosodimethylamine <MDL 66.6667 25 50-150 20 40 ug/Kg 38 100 Phenol 0 18 ug/Kg <MDI 66.6667 12 18 50-150 100 15 66.6667 0 Bis(2-Chloroethyl)Ether 30 ug/Kg <MDL <MD1. 50-150 100 17 2-Chlorophenol 8 16 ug/Kg <MDL 66.6667 12 50-150 100 1,3-Dichlorobenzene .26 .53 66.6667 0 uq/Kq <MDL <MDL 50-150 100 1.4-Dichlorobenzene .13 .264 ug/Kg 66.6667 <MDL 0 50-150 <MDL 100 .26 .53 ug/Kg 0 1.2-Dichlorobenzene <MDL 66.6667 IGM> 50-150 100 23 Bis(2-Chloroisopropyl)Ether 15 30 <MDL 66.6667 15 50-150 ug/Kg 100 N-Nitrosodi-N-Propylamine 9 18 ug/Kg <MD1 66.6667 20.1 30 50-150 100 15 Hexachloroethane 30 ug/Kg <MDL 66.6667 <MDL 0 50-150 100 ug/Kg 27 50-150 Nitrobenzene 16 32 66.6667 18 <MDL 100 19 38 66.6667 25 38 50-150 Isophorone uq/Kg <MDL 100 2-Nitrophenol 15 30 <MDL 66.6667 25 37 50-150 ua/Ka 100 2,4-Dimethylphenol 14 66.6667 <MDL 50-150 7 ug/Kg <MDL 0 100 17 Bis(2-Chloroethoxy)Methane 34 66.6667 29 43 50-150 100 ug/Kg <MD1 2.4-Dichlorophenol 16 32 ug/Kg <MD1 66,6667 23 35 50-150 100 13.3 20 50-150 1.2.4-Trichlorobenzene .26 .53 ug/Kg <MDL 66.6667 100 23 28 66.6667 50-150 Naphthalene 14 ug/Kg <MDL 15 100 .75 11 Hexachlorobutadiene 1.5 uq/Kg <MDL 66.6667 7.04 50-150 100 13 22 33 50-150 2.4.6-Trichlorophenol 26 ug/Kg <MDL 66.6667 100 40 2-Chioronaphthalene 16 32 <MD1. 66.6667 27 50-150 ug/Kg 100 66,6667 Acenaphthylene 15 30 37.7 56 ug/Kg <MD1 50-150 100 Dimethyl Phthalate 11 22 ug/Kg <MDL 66.6667 55.6 83 50-150 100 2.6-Dinitrotoluene 10 20 <MDL 66.6667 68.1 102 50-150 ug/Kg 100 Acenaph thene 7 14 66.6667 50-150 <MDL 30.8 46 uq/Kg 100 2.4-Dinitrotoluene 3 6 ug/Kg <MDL 66,6667 78.2 117 50-150 100 13 66.6667 41.3 50-150 Fluorene 26 <MDL 62 100 ug/Kg 12 114 50-150 Diethyl Phthalate ug/Kg <MDL 66.6667 75.8 100 59 4-Chlorophenyl Phenyl Ether 13 26 ug/Kg <MDL 66.6667 39.2 50-150 100 N-Nitrosodiphenylamine 20 40 66.6667 <MDL 0 50-150 100 ug/Kg <MDL 20 90 1.2-Diphenylhydrazine 10 66.6667 60.3 50-150 ua/Ka <MDL 100 ug/Kg 4-Bromophenyl Phenyl Ether 9 18 <MDL 66.6667 47.2 71 50-150 100 Hexachlorobenzene 1.33 70 50-150 .66 ug/Kg <MDL 66.6667 46.4 100 Pentachlorophenol 10 ug/Kg <MDL 66.6667 53.4 80 50-150 100 50-150 8 66.6667 49.2 74 Phenanthrene ug/Kg <MDL 100

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 06/19/01 09:25 Run ID: R66569 Workgroup: WG54935 (BS#108-BNALL)

SB:WG54935-2 MB:WG54935-1 Matrix: OTHR SOLID Listtype: ORBNALL Method: EPA 3550B/8270C (7-3-01-004) Project: PKey: SED

Parameter	Mdl Rdl	Units MB Value	Truevalue SB Value	% Rec. Qual	Limits	Truevalue Value	% Rec. Qual Limits	RPD/RSD Qual Li	imits
Anthracene	4 8	ug/Kg <mdl< td=""><td>66.6667 36.6</td><td>55</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 36.6	55	50-150			10	00
Di-N-Butyl Phthalate	5 10	ug/Kg 10.5	66,6667 144	201 *	50-150			10	00
Fluoranthene	8 16	ug/Kg <mdl< td=""><td>66.6667 81.3</td><td>122</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 81.3	122	50-150			10	00
Pyrene	4 8	ug/Kg <mdl< td=""><td>66.6667 66.6</td><td>100</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 66.6	100	50-150			10	00
Benzyl Butyl Phthalate	6 12	ug/Kg <mdl< td=""><td>66.6667 135</td><td>203 *</td><td>50-150</td><td></td><td></td><td>10</td><td>)0</td></mdl<>	66.6667 135	203 *	50-150			10)0
Benzo(a)anthracene	2 4	ug/Kg <mdl< td=""><td>66.6667 63.1</td><td>95</td><td>50-150</td><td></td><td></td><td>10</td><td>JO .</td></mdl<>	66.6667 63.1	95	50-150			10	JO .
Chrysene	4 8	ug/Kg <mdl< td=""><td>66.6667 63.7</td><td>95</td><td>50-150</td><td></td><td></td><td>10</td><td>סכ.</td></mdl<>	66.6667 63.7	95	50-150			10	סכ.
Bis(2-Ethylhexyl)Phthalate	6.7 14	ug/Kg <mdl< td=""><td>66.6667 125</td><td>187 *</td><td>50-150</td><td></td><td></td><td>10</td><td>)0</td></mdl<>	66.6667 125	187 *	50-150			10)0
Di-N-Octyl Phthalate	8 16	ug/Kg <mdl< td=""><td>66.6667 145</td><td>218 *</td><td>50-150</td><td></td><td></td><td>10</td><td>)0</td></mdl<>	66.6667 145	218 *	50-150			10) 0
Benzo(b)fluoranthene	3 6	ug/Kg <mdl< td=""><td>66.6667 70.2</td><td>105</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 70.2	105	50-150			10	00
Benzo(k)fluoranthene	3 6	ug/Kg <mdl< td=""><td>66.6667 72.2</td><td>108</td><td>50-150</td><td></td><td></td><td>10</td><td>JO</td></mdl<>	66.6667 72.2	108	50-150			10	JO
Benzo(a)pyrene	3 6	ug/Kg <mdl< td=""><td>66.6667 6.05</td><td>9 *</td><td>50-150</td><td></td><td></td><td>10</td><td>JO</td></mdl<>	66.6667 6.05	9 *	50-150			10	JO
Indeno(1,2,3-Cd)Pyrene	9 18	ug/Kg <mdl< td=""><td>66.6667 63.3</td><td>95</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 63.3	95	50-150			10	00
Dibenzo(a,h)anthracene	7 14	ug/Kg <mdl< td=""><td>66,6667 62.6</td><td>94</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66,6667 62.6	94	50-150			10	00
Benzo(g,h,i)perylene	8 16	ug/kg <mdl< td=""><td>66.6667 57.8</td><td>87</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 57.8	87	50-150			10	00
Aniline	19 38	ug/Kg <mdl< td=""><td>66.6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<></td></mdl<>	66.6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	0 *	50-150			10	00
Benzyl Alcohol	6 12	ug/Kg <mdl< td=""><td>66.6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td></td><td></td><td>00</td></mdl<></td></mdl<>	66.6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td></td><td></td><td>00</td></mdl<>	0 *	50-150				00
2-Methylphenol	19 38	ug/Kg <mdl< td=""><td>66.6667 24</td><td>36 *</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 24	36 *	50-150			10	00
4-Methylphenol	16 32	ug/Kg <mdl< td=""><td>66,6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td>젊으로 기가 있었다.</td><td></td><td>00</td></mdl<></td></mdl<>	66,6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td>젊으로 기가 있었다.</td><td></td><td>00</td></mdl<>	0 *	50-150		젊으로 기가 있었다.		00
Benzoic Acid	6 12	ug/Kg <mdl< td=""><td>66.6667 52.5</td><td>79</td><td>50-150</td><td></td><td>S kirii</td><td>10</td><td>00</td></mdl<>	66.6667 52.5	79	50-150		S kirii	10	00
2-Methylnaphthalene	14 28	ug/Kg <mdl< td=""><td>66.6667 28.6</td><td>43 *</td><td>50-150</td><td></td><td></td><td></td><td>00</td></mdl<>	66.6667 28.6	43 *	50-150				00
2,4,5-Trichlorophenol	12 24	ug/Kg <mdl< td=""><td>66.6667 35.9</td><td>54</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 35.9	54	50-150			10	00
Dibenzofuran	14 28	ug/Kg <mdl< td=""><td>66.6667 34.6</td><td>52</td><td>50-150</td><td></td><td></td><td>10</td><td>00</td></mdl<>	66.6667 34.6	52	50-150			10	00
Carbazole	7 14	ug/Kg <mdl< td=""><td>66.6667 66.4</td><td>100</td><td>50-150</td><td></td><td></td><td></td><td>00</td></mdl<>	66.6667 66.4	100	50-150				00
Coprostanol	14 28	ug/Kg <mdl< td=""><td>666.6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td></td><td></td><td>00</td></mdl<></td></mdl<>	666.6667 <mdl< td=""><td>0 *</td><td>50-150</td><td></td><td></td><td></td><td>00</td></mdl<>	0 *	50-150				00
Caffeine	6 12	ug/Kg <mdl< td=""><td>66.6667 96.6</td><td>145</td><td>50-150</td><td></td><td></td><td></td><td>00</td></mdl<>	66.6667 96.6	145	50-150				00
					100				
	3888 L 1884		100000000 CONSTRUCTOR		515 300000000000	5,00			et et al

MS:WG54935-3 MSD:WG54935-4 L20541-2 Matrix: SALTWTRSED Listtype: ORBNALL Method: EPA 3550B/8270C (7-3-01-004) Project: 423001 PKey: SED

Parameter	Mdl Rdl	Units SamoVal	ue Truevalue MS Value	% Rec. Qual	Limits	Truevalue M	SD Value % Re	ec. Qual Limits	RPD/RSD Qual	Limits
N-Nitrosodimethylamine	20 40	ug/Kg <mdl< td=""><td>66.6667 35</td><td>53</td><td>50-150</td><td></td><td>41.2 62</td><td>50-150</td><td>16</td><td>100</td></mdl<>	66.6667 35	53	50-150		41.2 62	50-150	16	100
Phenol	9 18	ug/Kg <mdl< td=""><td>66.6667 41.9</td><td>63</td><td>50-150</td><td>66,6667</td><td>35.6 53</td><td>50-150</td><td>17</td><td>100</td></mdl<>	66.6667 41.9	63	50-150	66,6667	35. 6 53	50-150	17	100
Bis(2-Chloroethyl)Ether	15 30	ug/Kg <mdl< td=""><td>66,6667 19</td><td>28 G</td><td>50-150</td><td>66.6667</td><td>24 36</td><td>* 50-150</td><td></td><td>100</td></mdl<>	66,6667 19	28 G	50-150	66.6667	24 36	* 50-150		100
2-Chlorophenol	8 16	ug/Kg <mdl< td=""><td>66.6667 27.5</td><td>41 G</td><td>50-150</td><td>66.6667</td><td>32.4 49</td><td>* 50-150</td><td>18</td><td>100</td></mdl<>	66.6667 27.5	41 G	50-150	66.6667	32.4 49	* 50-150	18	100
1,3-Dichlorobenzene	.26 .53	ug/Kg <mdl< td=""><td>66.6667 6.19</td><td>9 X</td><td>50-150</td><td>66.6667</td><td>13.1 20</td><td>* 50-150</td><td>76</td><td>100</td></mdl<>	66.6667 6.19	9 X	50-150	66.6667	13.1 20	* 50-150	76	100
1,4-Dichlorobenzene	.13 .264	ug/Kg <mdl< td=""><td>66.6667 7.79</td><td>12 G</td><td>50-150</td><td>66.6667</td><td>15.4 23</td><td>* 50-150</td><td>63</td><td>100</td></mdl<>	66.6667 7.79	12 G	50-150	66.6667	15.4 23	* 50-150	63	100
1,2-Dichlorobenzene	.26 .53	ug/Kg <mdl< td=""><td>66.6667 8.61</td><td>13 G</td><td>50-150</td><td>66.6667</td><td>18.1 27</td><td>* 50-150</td><td>70</td><td>100</td></mdl<>	66.6667 8.61	13 G	50-150	66.6667	18.1 27	* 50-150	70	100
Bis(2-Chloroisopropyl)Ether	15 30	ug/Kg <mdl< td=""><td>66.6667 37.3</td><td>56</td><td>50-150</td><td>66.6667</td><td>21 31</td><td>* 50-150</td><td>57</td><td>100</td></mdl<>	66.6667 37.3	56	50-150	66.6667	21 31	* 50-150	57	100
N-Nitrosodi-N-Propylamine	9 18	ug/Kg <mdl< td=""><td>66.6667 49.3</td><td>74</td><td>50-150</td><td>66.6667</td><td>51.1 77</td><td>50-150</td><td>4</td><td>100</td></mdl<>	66.6667 49.3	74	50-150	66.6667	51.1 77	50-150	4	100
Hexachloroethane	15 30	ug/Kg <mdl< td=""><td>66.6667 <mdl< td=""><td>0 X</td><td>50-150</td><td>66.6667</td><td><mdl< td=""><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>	66.6667 <mdl< td=""><td>0 X</td><td>50-150</td><td>66.6667</td><td><mdl< td=""><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>	0 X	50-150	66.6667	<mdl< td=""><td>50-150</td><td></td><td>100</td></mdl<>	50-150		100
Nitrobenzene	16 32	ug/Kg <mdl< td=""><td>66.6667 30</td><td>44 G</td><td>50-150</td><td>66.6667</td><td>36.4 55</td><td>50-150</td><td>22</td><td>100</td></mdl<>	66.6667 30	44 G	50-150	66.6667	36. 4 55	50-150	22	100
I sophorone	19 38	ug/Kg <mdl< td=""><td>66.6667 46.5</td><td>70</td><td>50-150</td><td>66.6667</td><td>45.6 68</td><td>50-150</td><td>3</td><td>100</td></mdl<>	66.6667 46.5	70	50-150	66.6667	45.6 68	50-150	3	100
2-Nitrophenol	15 30	ug/Kg <mdl< td=""><td>66.6667 42.5</td><td>64</td><td>50-150</td><td>66.6667</td><td>41.9 63</td><td>50-150</td><td>2</td><td>100</td></mdl<>	66.6667 42.5	64	50-150	66.6667	41.9 63	50-150	2	100
2,4-Dimethylphenol	7 14	ug/Kg <mdl< td=""><td>66.6667 53.7</td><td>81</td><td>50-150</td><td>66.6667</td><td>54.2 81</td><td>50-150</td><td>0</td><td>100</td></mdl<>	66.6667 53.7	81	50-150	66.6667	54.2 81	50-150	0	100
Bis(2-Chloroethoxy)Methane	17 34	ug/Kg <mdl< td=""><td>66.6667 46.6</td><td>70</td><td>50-150</td><td>66.6667</td><td>48.6 73</td><td>50-150</td><td>4</td><td>100</td></mdl<>	66.6667 46.6	70	50-150	66.6667	48.6 73	50-150	4	100
2,4-Dichlorophenol	16 32	ug/Kg <mdl< td=""><td>66.6667 60.6</td><td>91</td><td>50-150</td><td>66.6667</td><td>60.5 91</td><td>50-150</td><td>0</td><td>100</td></mdl<>	66.6667 60.6	91	50-150	66.6667	60.5 91	50-150	0	100
1,2,4-Trichlorobenzene	.26 .53	ug/Kg <mdl< td=""><td>66,6667 26.6</td><td>40 G</td><td>50-150</td><td>66.6667</td><td>36,6 55</td><td>50-150</td><td>32</td><td>100</td></mdl<>	66,6667 26.6	40 G	50-150	66.6667	36,6 55	50-150	32	100
Naphthalene	14 28	ug/Kg 19	66,6667 44.5	38 G	50-150	66.6667	44.5 38	* 50-150	0	100
Hexachlorobutadiene	.75 1.5	ug/Kg <mdl< td=""><td>66.6667 17.6</td><td>26 G</td><td>50-150</td><td></td><td>29.6 44</td><td>* 50-150</td><td>51</td><td>100</td></mdl<>	66.6667 17.6	26 G	50-150		29.6 44	* 50-150	51	100

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 06/19/01 09:25

Run ID: R66569 Workgroup: WG54935 (BS#108-BNALL)

89

Units SampValue Truevalue MS Value % Rec. Qual Limits Truevalue MSD Value % Rec. Qual Limits

50-150

66.6667 62.8 94

RPD/RSD Qual Limits

100

50-150

MS:WG54935-3 MSD:WG54935-4 L20541-2 Matrix: SALTWIRSED Listtype: ORBNALL Method: EPA 3550B/8270C (7-3-01-004) Project: 423001 PKey: SED

<MDL

66.6667 59.3

Mdl

13

Rdl

ug/Kg

26

Parameter

2,4,6-Trichlorophenol

Phenol	9	18	ug/Kg	<mdl< th=""><th></th><th><mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>100 100</th></mdl<></th></mdl<>		<mdl< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>100 100</th></mdl<>										100 100
Parameter N-Nitrosodimethylamine	Md 20	l Rdl 40	Units ug/Kg	SampVal <mdl< th=""><th>ue Truevalue</th><th><mdl< th=""><th>≥ % Rec.</th><th>uuat</th><th>Limits</th><th></th><th></th><th></th><th></th><th></th><th>RPD/RSD Qual</th><th>Limit:</th></mdl<></th></mdl<>	ue Truevalue	<mdl< th=""><th>≥ % Rec.</th><th>uuat</th><th>Limits</th><th></th><th></th><th></th><th></th><th></th><th>RPD/RSD Qual</th><th>Limit:</th></mdl<>	≥ % Rec.	uuat	Limits						RPD/RSD Qual	Limit:
LD:WG54935-5 L20541-3 Ma										: 423001	PKey: SI	ED				
		1	~, .	· · · · · · · · · · · · · · · · · · ·			• • •				7,					
Caffeine	6	12	ug/Kg ug/Kg	<mdl< td=""><td>66.6667</td><td>95.8</td><td>144</td><td>^</td><td>50-150</td><td>66.6667</td><td>97</td><td>145</td><td></td><td>50-150</td><td>1</td><td>100</td></mdl<>	66.6667	95.8	144	^	50-150	66.6667	97	145		50-150	1	100
Coprostanol	14	28	ug/Kg ug/Kg	/6.6 <mdl< td=""><td>666.6667</td><td><mdl< td=""><td>0</td><td>Х</td><td>50-150</td><td>666,6667</td><td></td><td>40</td><td></td><td>50-150</td><td>77</td><td>100</td></mdl<></td></mdl<>	666.6667	<mdl< td=""><td>0</td><td>Х</td><td>50-150</td><td>666,6667</td><td></td><td>40</td><td></td><td>50-150</td><td>77</td><td>100</td></mdl<>	0	Х	50-150	666,6667		40		50-150	77	100
Carbazole	7	14	ug/Kg	78.6	66.6667	137	88		50-150 50-150	66.6667	111	48	*	50-150	59	100
Dibenzofuran	14	28	ug/Kg ug/Kg	23	66.6667	86.1	99 95		50-150	66.6667	66.5	66	38534	50-150	36	100
2,4,5-Trichlorophenol	12	24	ug/Kg	<mdl< td=""><td>66,6667</td><td>66.1</td><td>99</td><td></td><td>50-150</td><td>66.6667</td><td>62.5</td><td>94</td><td>18 C 160</td><td>50-150</td><td>13</td><td>100</td></mdl<>	66,6667	66.1	99		50-150	66.6667	62.5	94	18 C 160	50-150	13	100
2-Methylnaphthalene	14	28	ug/Kg	18	66.6667	67.2	74		50-150	66.6667	61.1	65		50-150	23 13	100
Benzoic Acid	6	12	ug/Kg ug/Kg	142	66.6667	213	106		50+150	66.6667	231	133	1000000	50-150	23	100
-Methylphenol	16	32	ug/Kg	<mdl< td=""><td>66.6667</td><td>58.7</td><td>88</td><td></td><td>50-150</td><td>66.6667</td><td>51.7</td><td>76</td><td></td><td>50-150</td><td>15</td><td>100</td></mdl<>	66.6667	58.7	88		50-150	66.6667	51.7	76		50-150	15	100
-Methylphenol	19	38	ug/Kg ug/Kg	<mdl< td=""><td>66.6667</td><td>49.4</td><td>74</td><td>^</td><td>50-150</td><td>66.6667</td><td>67.9</td><td>102</td><td></td><td>50-150</td><td>32</td><td>100</td></mdl<>	66.6667	49.4	74	^	50-150	66.6667	67.9	102		50-150	32	100
enzyl Alcohol	6	12	ug/Kg ug/Kg	<mdl< td=""><td>66.6667</td><td><mdl< td=""><td>0</td><td>X</td><td>50-150 50-150</td><td>66.6667</td><td><mdl< td=""><td>20</td><td>9.7.8W</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<></td></mdl<>	66.6667	<mdl< td=""><td>0</td><td>X</td><td>50-150 50-150</td><td>66.6667</td><td><mdl< td=""><td>20</td><td>9.7.8W</td><td>50-150</td><td></td><td>100</td></mdl<></td></mdl<>	0	X	50-150 50-150	66.6667	<mdl< td=""><td>20</td><td>9.7.8W</td><td>50-150</td><td></td><td>100</td></mdl<>	20	9.7.8W	50-150		100
niline	19	38	ug/Kg ug/Kg	1/1 <mdl< td=""><td>66.6667</td><td>- MDL</td><td>0</td><td>X</td><td>50-150</td><td>66.6667</td><td>24</td><td>36</td><td>*</td><td>50-150</td><td>-100</td><td>100</td></mdl<>	66.6667	- MDL	0	X	50-150	66.6667	24	36	*	50-150	-100	100
enzo(g,h,i)perylene	ο (16	ug/kg ug/Kg	171	66.6667	162	49 -13	X	50-150	66.6667	145	-39		50-150	-100	100
ibenzo(a,h)anthracene	7	14	ug/Kg ug/Kg	47.4	66.6667	79.9	-2 49	Ĝ	50*150 50*150	66.6667	78.4	-51 46		50-150	6	100
enzo(a)pyrene ndeno(1,2,3-Cd)Pyrene	9	18	ug/Kg ug/Kg	219	66.6667	218	-110 -2	X	50-150	66.6667	300 199	-31	*	50-150 50-150	-30 -176	100
	3	6	ug/Kg	482	66.6667	403	-118	X	50-150 50-150	66,6667	245 366	- 174	*	50-150	-38	100
enzo(b)fluoranthene enzo(k)fluoranthene	7	6	ug/Kg	239	66.6667	253	-135 21	X G	50-150 50-150	66.6667	438 243	-238 5	5	50-150 50-150	-55 123 *	100 100
i-N-Octyl Phthalate	8 3	16	ug/Kg	<mdl 597</mdl 	66.6667 66.6667	185 507	278 -135	L	50-150	66.6667 66.6667	238 438	358	3	50-150	25	100
is(2-Ethylhexyl)Phthalate	6.7		ug/Kg	299	66.6667		16	G	50-150	66.6667	339	60		50-150	110	100
1rysene	4 7	14	ug/Kg		66.6667	309	- 152 14	X	50-150 50-150	66.6667	415	-251		50-150	-49 116 *	100
• •	7	8	ug/Kg	583		482							_		-27	
enzyl Butyl Phthalate enzo(a)anthracene	2	12	ug/Kg	106 448	66.6667	338	249 -164	L	50-150 50-150	66.6667 66.6667	137 304	-216		50-150 50-150	130	100 100
yrene opzył Rutyl Phthalata	4	8 12	ug/Kg	743	66.6667 66.6667	272	-271 260	X	50-150 50-150	66.6667	473 177	-405 47		50-150	-40 136 *	100
luoranthene	0	16	ug/Kg	1090	66.6667	825 562	-39 3	X	50-150	66.6667	591	-743	*	50-150	-62	100
i-N-Butyl Phthalate	5	10	ug/Kg	43.2	66.6667	189	219	Ļ	50-150	66.6667	206	244	Ī	50-150	11	100
nthracene	4	8	ug/Kg	222	66.6667	234	18	G	50-150 50-150	66.6667	227	8		50-150	77	100
henanthrene	4	8	ug/Kg	611	66.6667	515	-145	X	50-150	66.6667	286	-489	*	50-150	-109	100
entachlorophenol	5.	10	ug/Kg	<mdl< td=""><td>66.6667</td><td>77.8</td><td>117_</td><td>.,</td><td>50-150</td><td>66.6667</td><td>58.3</td><td>87</td><td>100</td><td>50-150</td><td>29</td><td>100</td></mdl<>	66.6667	77.8	117_	.,	50-150	66.6667	58.3	87	100	50-150	29	100
exachlorobenzene	.66	1.33	ug/Kg	<mdl< td=""><td>66.6667</td><td>63.8</td><td>96</td><td></td><td>50-150</td><td>66.6667</td><td>70.6</td><td>106</td><td></td><td>50-150</td><td>10</td><td>100</td></mdl<>	66.6667	63.8	96		50-150	66.6667	70.6	106		50-150	10	100
-Bromophenyl Phenyl Ether	9	18	ug/Kg	<mdl< td=""><td>66.6667</td><td>63.5</td><td>95</td><td></td><td>50-150</td><td>66.6667</td><td>68.1</td><td>102</td><td></td><td>50-150</td><td>7_</td><td>100</td></mdl<>	66.6667	63.5	95		50-150	66.6667	68.1	102		50-150	7_	100
,2-Diphenylhydrazine	10	20	ug/Kg	<mdl< td=""><td>66.6667</td><td>97.2</td><td>146</td><td></td><td>50-150</td><td>66.6667</td><td>106</td><td>158</td><td>*</td><td>50-150</td><td>8</td><td>100</td></mdl<>	66.6667	97.2	146		50-150	66.6667	106	158	*	50-150	8	100
-Nitrosodiphenylamine	20	40	ug/Kg	<mdl< td=""><td>66.6667</td><td>50.5</td><td>76</td><td></td><td>50-150</td><td>66.6667</td><td>71.9</td><td>108</td><td></td><td>50-150</td><td>35</td><td>100</td></mdl<>	66.6667	50.5	76		50-150	66.6667	71.9	108		50-150	35	100
-Chlorophenyl Phenyl Ether	13	26	ug/Kg	<mdl< td=""><td>66.6667</td><td>61.1</td><td>92</td><td></td><td>50-150</td><td>66.6667</td><td>53.5</td><td>80</td><td></td><td>50-150</td><td>14</td><td>100</td></mdl<>	66.6667	61.1	92		50-150	66.6667	53.5	80		50-150	14	100
iethyl Phthalate	6_	12	ug/Kg	<mdl< td=""><td>66.6667</td><td>96.7</td><td>145</td><td></td><td>50-150</td><td>66.6667</td><td>89.1</td><td>134</td><td></td><td>50-150</td><td>8</td><td>100</td></mdl<>	66.6667	96.7	145		50-150	66.6667	89.1	134		50-150	8	100
luorene	13	26	ug/Kg	60.4	66.6667	119_	87		50-150	66.6667	94.7	51		50-150	52	100
,4-Dinitrotoluene	3	6	ug/Kg	<mdl< td=""><td>66.6667</td><td>123</td><td>185</td><td>L</td><td>50-150</td><td>66.6667</td><td>120</td><td>180</td><td>*</td><td>50-150</td><td>3</td><td>100</td></mdl<>	66.6667	123	185	L	50-150	66.6667	120	180	*	50-150	3	100
cenaphthene	7	14	ug/Kg	42.7	66.6667	89.9	71_		50~150	66.6667	74.7	48	*	50-150	39	100
,6-Dinitrotoluene	10	20	ug/Kg	<mdl< td=""><td>66.6667</td><td>155</td><td>232</td><td>L</td><td>50-150</td><td>66.6667</td><td>160_</td><td>240</td><td>*</td><td>50-150</td><td>3</td><td>100</td></mdl<>	66.6667	155	232	L	50-150	66.6667	160_	240	*	50-150	3	100
imethyl Phthalate	11	22	ug/Kg	<mdl< td=""><td>66.6667</td><td>101</td><td>152</td><td>L</td><td>50-150</td><td>66.6667</td><td>96.7</td><td>145</td><td></td><td>50-150</td><td>5</td><td>100</td></mdl<>	66.6667	101	152	L	50-150	66.6667	96.7	145		50-150	5	100
cenaphthylene	15	30	ug/Kg	3 0	66.6667	98.9	103		50-150	66.6667	102	109	(40.0)	50-150	6	100
-Chloronaphthalene	16	32	ug/Kg	<mdl< td=""><td>66.6667</td><td>45.3</td><td>68</td><td></td><td>50-150</td><td>66.6667</td><td>48.7</td><td><i>7</i>3</td><td>Figure 1</td><td>50-150</td><td>7</td><td>100</td></mdl<>	66.6667	45.3	68		50-150	66.6667	48.7	<i>7</i> 3	Figure 1	50-150	7	100
,4,0° IT Territor opnerior	13	20	49/79	NIU L	00.0001	74.2	97		20-120	00.0001	02.0	74	1995-00	50-150	•	100

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 06/19/01 09:26 Run ID: R66569 Workgroup: WG54935 (BS#108-BNALL)

LD:WG54935-5 L20541-3 Matrix: SALTWTRSED Listtype: ORBNALL Method: EPA 3550B/8270C (7-3-01-004) Project: 423001 PKey: SED

Parameter	Mdl Rdl			Qual Limits			Limits
2-Chlorophenol	8 16	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>The second secon</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>The second secon</td><td>100</td></mdl<>			The second secon	100
1,3-Dichlorobenzene	.26 .53	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
1,4-Dichlorobenzene	.13 .264	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>1</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>1</td><td>100</td></mdl<>			1	100
1,2-Dichlorobenzene	.26 .53	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>1</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>1</td><td>100</td></mdl<>			1	100
Bis(2-Chloroisopropyl)Ether	15 30	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>11</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>11</td><td>100</td></mdl<>			11	100
N-Nitrosodi-N-Propylamine	9 18	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>1</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>1</td><td>100</td></mdl<>			1	100
Hexachloroethane	15 30	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>100</td></mdl<>			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100
Nitrobenzene	16 32	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Isopharane	19 38	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
2-Nitrophenol	15 30	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
2,4-Dimethylphenol	7 14	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Bis(2-Chloroethoxy)Methane	17 34	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
2,4-Dichlorophenol	16 32	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
1,2,4-Trichlorobenzene	.26 .53	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Naphthalene	14 28	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Hexachlorobutadiene	.75 1.5	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
2,4,6-Trichlorophenol	13 26	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
2-Chloronaphthalene	16 32		<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Acenaphthylene	15 30	5000 - 50000 NOOF F	17				100
Dimethyl Phthalate	11 22		17 <mdl< td=""><td></td><td></td><td></td><td></td></mdl<>				
	10 20						100
2,6-Dinitrotoluene		ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Acenaphthene	307	ug/Kg 40.6	27.8				100
2,4-Dinitrotoluene		ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Fluorene	13 26	ug/Kg 51.9	28.1			AND THE RESERVE THE SECOND SEC	100
Diethyl Phthalate	6 12	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
4-Chlorophenyl Phenyl Ether	13 26	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
N-Nitrosodiphenylamine	20 40	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
1,2-Diphenylhydrazine	10 20	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
4-Bromophenyl Phenyl Ether	9 18	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Hexachlorobenzene	.66 1.33	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Pentachlorophenol	5 10	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Phenanthrene	4 8	ug/Kg 335	239				100
Anthracene	4 8	ug/Kg 197	120			48	100
Di-N-Butyl Phthalate	5 10	ug/Kg 29.9	35.1			16	100
Fluoranthene	8 16	ug/Kg 496	480				100
Pyrene	4 8	ug/Kg 465	400			15	100
Benzyl Butyl Phthalate	6 12	ug/Kg 48	62.1				100
Benzo(a)anthracene	2 4	ug/Kg 265	222				100
Chrysene	4 8	ug/Kg 295	310				100
Bis(2-Ethylhexyl)Phthalate	6.7 14	ug/Kg 281	355				100
Di-N-Octyl Phthalate	8 16	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>100</td></mdl<>				100
Benzo(b)fluoranthene	3 6	ug/Kg 345	376				100
Benzo(k)fluoranthene	3 6	ug/Kg 151	171				100
Benzo(a)pyrene	3 6		269				100
	9 18					**************************************	
Indeno(1,2,3-Cd)Pyrene		ug/Kg 103	102			ANT ALC: 10 1	100
Dibenzo(a,h)anthracene	7 14	ug/Kg 25.7	27.3				100
Benzo(g,h,i)perylene	8 16	ug/Kg 80.4	94.9				100
Aniline	19 38	ug/Kg <mdl< td=""><td><mdl :<="" td=""><td></td><td></td><td>The state of the s</td><td>100</td></mdl></td></mdl<>	<mdl :<="" td=""><td></td><td></td><td>The state of the s</td><td>100</td></mdl>			The state of the s	100
Benzyl Alcohol	6 12	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>and the second s</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>and the second s</td><td>100</td></mdl<>			and the second s	100
2-Methylphenol	19 38	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td></td><td>and the second s</td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>and the second s</td><td>100</td></mdl<>			and the second s	100
4-Methylphenal	16 32	ug/Kg <mdl< td=""><td><mdl< td=""><td></td><td>1.511.000</td><td></td><td>100</td></mdl<></td></mdl<>	<mdl< td=""><td></td><td>1.511.000</td><td></td><td>100</td></mdl<>		1.511.000		100

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 06/19/01 09:26 Run ID: R66569 Workgroup: WG54935 (BS#108-BNALL)

arameter	Mdl	Rdl	Units	SampValue Truevalue LD Valu	e % Rec. Qual	Limits			RPD/RSD Qual	Limit
enzoic Acid	6	12	ug/Kg	94.9 79.9					17	100
Methylnaphthalene	14	28	ug/Kg	<mdl <mdl<="" td=""><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl>						100
4,5-Trichlorophenol	12	24	ug/Kg	<mdl <mdl<="" td=""><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl>						100
benzofuran	14	28	ug/Kg	<mdl <mdl<="" td=""><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl>						100
arbazote	7	14	ug/Kg	46.9 37.7					22	100
pprostanol	14	28	ug/Kg	<mdl <mdl<="" td=""><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl>						100
affeine	6	12	ug/Kg	<mdl <mdl<="" td=""><td></td><td></td><td></td><td></td><td></td><td>100</td></mdl>						100
RM:WG54935-6 Matrîx:	OTHR SOLID	Listtype	: ORBNALL	Method: EPA 35508/8270C (7	3-01-004) Proj	ect: PKey: SE	D			
arameter	Mdl	Rdl	Units	SampValue Truevalue SRM Va		Limits			RPD/RSD Qual	Limit
phthalene	200	2800	ug/Kg	986.6667 200	21 G	80-120		16.500	Saria Paricina	100
uorene	53	2600	ug/Kg	96 83	86 62 G	80-120				100
xachlorobenzene	27	133	ug/Kg	69.3333 43		80-120				100
enanthrene	53 53	800 800	ug/Kg	\ 80 <u>-288</u> 140	50 G 49 78 G	80-120				100
thracene uoranthene	800	1600	ug/Kg ug/Kg	960 1536 810	-53 84 -8	80-120 80-120				100 100
rene	400	800	ug/Kg ug/Kg	193 1269.3333 630	50 79 G	80-120				100
nzo(a)anthracene	200	400	ug/Kg ug/Kg		50 80 G	80-120				100
rysene 300	→ (400)	800	ug/Kg		-82 132 L	80-120				100
nzo(b)fluoranthene	300	600	ug/Kg	372 - 394:666 7 490 724 1157:3333 944	-82- 130 L	80-120		600,000 0 31, 625,000		100
enzo(k)fluoranthene	300	600	ug/Kg	3 53 565 3333 480	-85 136 L	80-120				100
enzo(a)pyrene	300	600	ug/Kg	614 984 550	56 90 - 6	80-120				100
ndeno(1,2,3-Cd)Pyrene	53	1800	ug/Kg	490 784 440	-56 -90 -6 -	80-120				100
ibenzo(a,h)anthracene	53	1400	ug/Kg	12.3-114-6667- 100	-91 138 L	80-120				100
enzo(g,h,i)perylene	53	1600	ug/Kg	514 821.3333 370	45 72 G	80-120				100
				3.,	•	•				
						6 10				
					r	BE 1301				
						' \$1'			13.75% b	
										Para
								5. A. S. S. S. S. S. S. S. S. S. S. S. S. S.		
								7 3480 2 3 4800 3 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		
								999 A 17 7760 F 5		1.5.45
					***************************************			27) v 27 (
			1986							
							200000000000000000000000000000000000000			
			11119000	3.000000.2-r.; fr.0000a	0.0000000000000000000000000000000000000	000000000000000000000000000000000000000	650,00000000000000000000000000000000000		75455000 05500475	

KING COUNTY METRO ENVIRONMENTAL LABORATORY Lab QC Report - 06/19/01 09:26 Run ID: R66569 Workgroup: WG54935 (BS#108-BNALL)

Sample #	2-Fluorophenol	d5-Phenol	d5-Nitrobenzene	d4-2-Chlorophenol		2-Fluorobiphenyl		d14-Terphenyl
sample #	50-150	50-150	50-150	50-150	nzene 50-150	50-150	nol 50-150	50-150
L20541-1	45	avg=59.75 61	avg=76 70	51	45	77	82	112
L20541-10 L20541-11	41 G 32 G	avg=39 39 G avg=35.75 50 G	avg=71 79 avg=63.5 66	44 G 37 G	0 0	89 67	32 G	116
L20541-12	35 G	avg=33.5 35 G	avg=71.25 77	40 G	0	95	24 G 24 G	121 113
L20541-13	30 G	avg=38.25 58 G	avg=66.25 69	45 G	0	68	20 G	128
L20541-14 L20541-15	51 G	avg=42.5 56 G	avg=60 71	44 G	0	77	19 G	92
L20541-15 L20541-16	58 G 60 G	avg=45 56 G avg=48.5 61 G	avg=56.25 70 avg=63.75 69	46 G 50 G	0 Q	69 85	20 G 23 G	86 101
L20541-17	55	avg=57.25 54	avg=63 61	56	25	65	64	101
L20541-18 L20541-19	51	avg=67.25 58	avg=63.75 59	57	45	63	103	88
L20541-19	50 43	avg=61 51 avg=61 51	avg=57.75 54 avg=68.25 63	51 48	36 37	57 67	92 102	84 106
L20541-3	34 G	avg=48 38 G	avg≕61 52	37 G	37	61	83 G	94
L20541-4 L20541-5	41 45	avg=53.25 52	avg=72.25 58	41	40 50	72	79	119
L20541-6	41	avg=66.75 75 avg=55 47	avg=78 66 avg=67.5 63	56 39	50 35	78 70	91 93	118 102
L20541-7	35 G	avg=45.5 37 G	a∨g=61 56	40 G	18	68	70 G	102
L20541-8 L20541-9	38 G 36 G	avg=46 47 G avg=40.5 47 G		43 G 42 G	0	72 63	56 G	104
WG54935-1	30 G	avg=40.5 47 G avg=27.75 11 G		42 G 23 G	0 51	63 49	37 G 47 G	110 107
WG54935-2	29 G	avg≃31 18 G	avg=66 54	25 G	31	55	52 G	124
WG54935-3 WG54935-4	44 43	avg=62 52 avg=59 43	avg=85 81 avg=90 87	50 48	40 //	88	102	131
WG54935-5	57	avg=66 59	avg=79.25 78	58	46 47	94 79 77	102 90	133 113
WG54935-6	69	avg=65.25 58	avg=80.25 86	69	54	77	65	104

Chain of Custody Forms Field Sheets

LABORATORY WORK ORDER

Chain of Custody

Project Name: Denny Way Pre-construction Subtidal Sediments

Project Number: 423001

Laboratory Project Manager: Fritz Grothkopp/John Blaine

King County Department of Natural Resources Water and Land Resources Division **Environmental Laboratory** 322 West Ewing Street Seattle, Washington 98119-1507

									Ar	nalys	es		1					
Note: Use only one Login No. per sheet.			Collect	TOC/TOTS/TVS		TOTSULFIDE *	1	als + HG-CVAA	BNA/CLPEST/PCB							Number of Containers		
Sample Number	Client Locator	Collect Date	Time	100	NH3	701	PSD	Metals	BN8	VOA						ž	Commen	s
20541 - 1	DWMP-1	9-APR-01	1021	V	/	\(\bullet \)	~	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	✓						7		
	DWMP-Z	1	1127	<u></u>	\	~	<u> </u>	V	レ	_						7		
20547 - 3	DWMP -3		1244	\ <u>\</u>	ノ	~	1	4	<u></u>				ļ			7		
20541 - 4			1404	1				1	レレ		1					7		
20541 - 6	DWMP -L	1	1600	V		7		<u> </u>	レ]		ļ			7		
20341 - 7	DWMP-7	V	1458	1			V	V	<u> </u>	0	ļļ					7		
-				<u> </u>							1		_					
-				ļi						 				1				
-				-							1							
•										ļ			-					
Additional Comme				<u> </u>						7	Total I	Numbe	r of C	ontair	ners	Sampled By	:Mickels	n, Ochs
Relinquished_By:											Bece	ived B	v:		·····.	····		
ignature M	1						Date	09-1	ve-c	וכ	Signa		D	W	1	um	Date	4-9-07
rinted Name SU	H Mi uses	son					Time				Printe	d Name	7	Du	C	Grant En	Time	1745
	unty Environmenta										Organ	ization	King C			nmental Laborato	rv	

LABURATURY WORK URDER

Chain of Custody

Project Name: Denny Way Pre-construction Subtidal Sediments

Project Number: 423001

Laboratory Project Manager: Fritz Grothkopp/John Blaine
Telephone Number: 684 2327/2384

King County Department of Natural Resources Water and Land Resources Division **Environmental Laboratory** 322 West Ewing Street Seattle, Washington 98119-1507

l elephone Numb	er: 004 2327	/2304	•														
											An	alys	es		-		1
Note: Use only one Login No. per sheet.				Collect	тослотѕлуѕ	3	TOTSULFIDE *	• 0	Metals + HG-CVAA		BNA/CLPEST/PCB	Ą				Number of Containers	
Sample Number	Client Locator	Collec	ct Date	Time	2	NH3	욘	PSD	₹		Na Na	ΛOΑ				2	Comments
L26541 - 5 L - 8		IDAP	RIL		1	1	ĻĻ	1	1			1				17	
L - 8						1		1	1		\-	-				11	
L .9					₩.		 	1	$\perp \perp$			1					
- 11					-		-	-	\Box			igapha					
L -12					-		-	-	+	4							
L - 13					+			$\vdash \vdash$	-							++:	
L .15					-	-	+	\vdash	\vdash	-			 		-	- - -	
L -16					1		1	1	4	-	_					 	
		- 4	J		-	1	7	A	4	+		1				V	
-		-					-	 	<u> </u>	1 1		ļ					
Additional Comme Sub-contracted		<u>.</u>		L	<u> </u>	<u> </u>	L.,	J.,,,,,				1	otal Numb	er of Co	ontaine	rs ไว	Sampled By: JO, KL, JO, JD
345 55	paramotoro																
Relinquished By:													Received	Ву:			
Signature Kan	Li									~(১·			Signature	M	\mathcal{N}	Vin	Date 4-10-01
Printed Name (Le								Time	, (-	740)		Printed Nam		mi	NG	WEST Time 1740
Organization King Co	unty Environmenta	I Labora	atory										Organization	King Č	ounty E	nvironm	ental Laboratory

LABORATORY WORK ORDER

Chain of Custody

Project Name: Denny Way Pre-construction Subtidal Sediments

Project Number: 423001

Laboratory Project Manager: Fritz Grothkopp/John Blaine

King County Department of Natural Resources Water and Land Resources Division **Environmental Laboratory** 322 West Ewing Street Seattle, Washington 98119-1507

Telephone Numb	er: 084 2327	/2304																	
										An	alyse	es							
Note: Use only one Login No. per sheet.			Collect	TOC/TOTS/TVS	NH3	TOTSULFIDE *	PSD *	Metals + HG-CVAA		BNA/CLPEST/PCB	VOA							Number of Containers	
Sample Number	Client Locator	Collect Date	Time	ļ Ĕ	Ž	<u>}</u>	ă,	Σ		<u> </u>	 					-		<u>z</u>	Comments
L20541 -10 L -14		4-19-01		1	-		1			1	1.	-						- /	
L - 18				1	1		-	1			 			\dashv			_		
L - 19				1			\ \ \ \	1		1						_		7	
L -					1		<u> </u>	<u>'</u> -		<u> </u>									
<u> </u>																			
<u> </u>				ļ				ļ <u>.</u>	ļ		<u> </u>								
<u>_</u> -				ļ		ļ		ļ	-		ļ	ļ							
<u> </u>				 		 	<u> </u>	ļ	-		<u> </u>			-					
-				-		 		-	-		 	 						······································	
Additional Comme			<u> </u>	. }	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	7	Γotal	Numb	er o	f Co	ntain	ners	58	Sampled By: Jo, KL, SH, JB
* Sub-contracted Samples s and recent	lab parameters. Tubmitted red by	to Lans	n 4/	• 20	01	4	e/10	7/0	1-) Ce									overnight
Relinquished By:	w 13	here							ر	19-		Rec	eived ature	By:		an	G.		Date 4/20/01
Printed Name	John B	larve		****			Time	•	/8	α			ed Nam		Ţ)	He.	111	Time 0800
Organization King Co	unty Environmenta	l Laboratory										Orga	nization	Kir	ng Co	unty	Envi	ronm	ental Laboratory

CHAIN OF CUSTODY RECORD

	1		1
Page	_[of	

Mail Data/Invoices to: Project Number: 423001 Shipment Number: EL-01-51 King County DNR Environmental Laboratory Purchase Order Number: 56667 Shipment Method: Courier Subcontract Analysis Coordinator Subcontract Laboratory: Rosa Environmental Laboratory Fax data to: Dana Heinz 322 W. Ewing Street, MS-LAB LPM/TC: Fritz Grothkopp Fax Number: (206) 684-2395 Seattle, WA 98119 E-Mail Address: dana.heinz@metrokc.gov attn: Dana Heinz Requested Parameters Container Sulfide ₽ Total Š. Sample ID **Collect Date** Matrix QC Required Comments L20541-1 4/9/01 SaltWtrSediment QA2 X X 2 Total Sulfide pres. w/ ZnAcetate 4-9-01 L20541-2 4/9/01 SaltWtrSediment QA2 X X Total Sulfide pres. w/ ZnAcetate 4-9-01 L20541-3 4/9/01 SaltWtrSediment QA2 X X: Total Sulfide pres. w/ ZnAcetate 4-9-01 L20541-4 4/9/01 SaltWtrSediment QA2 X X Total Sulfide pres. w/ ZnAcetate 4-9-01 L20541-5 4/10/01 SaltWtrSediment QA₂ X X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-6 4/9/01 SaltWtrSediment QA2 Х X. Total Sulfide pres. w/ ZnAcetate 4-9-01 L20541-7 4/9/01 SaltWtrSediment QA2 X X Total Sulfide pres. w/ ZnAcetate 4-9-01 L20541-8 4/10/01 SaltWtrSediment QA2 х X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-9 4/10/01 SaltWtrSediment QA2 X X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-11 4/10/01 QA2 SaltWtrSediment X X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-12 4/10/01 QA2 SaltWtrSediment X X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-13 4/10/01 QA₂ SaltWtrSediment X X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-15 4/10/01 SaltWtrSediment QA₂ X X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-16 4/10/01 SaltWtrSediment QA₂ X X Total Sulfide pres. w/ ZnAcetate 4-10-01 L20541-17 4/10/01 SaltWtrSediment QA2 X Х 2 Total Sulfide pres. w/ ZnAcetate 4-10-01 Additional Comments/Instructions: Total Number of Containers: 30 FULL RAW DATA PACKAGE NEEDED Requested TAT: 14 Days Please return signed original CoC with data package. 4/27/01 Data Package Due: RELINQUISHED BY Date RECEIVED BY Date 4-13-01 Signature Signature

King County DNR, Environmental Laboratory

Dác Nauven

Printed Name

Organization

Printed Name

Organization

Time

CHAIN OF CUSTODY RECORD

	1		1
Page		of	

Project Number: 423001
Purchase Order Number: 56667

Subcontract Laboratory: Rosa Environmental Laboratory

LPM/TC: Fritz Grothkopp

Shipment Number: EL-01-059

Shipment Method: Courier

Fax data to: Dana Heinz
Fax Number: (206) 684-2395

E-Mail Address: dana.heinz@metrokc.gov

Mail Data/Invoices to:

King County DNR Environmental Laboratory

Subcontract Analysis Coordinator 322 W. Ewing Street, MS-LAB

Seattle, WA 98119 attn: Dana Heinz

			İ				Reg	ues	ted F	aran	nete	rs				•			
Sample ID	Collect Date	Matrix	QC Required	PSD	Total Sulfide											No. of Containers		Comments	
L20541-10	4/19/01	SaltWtrSediment	QA2	х	х											2	Total Sulfide pres. v	// ZnAcetate 4-19-01	٦
L20541-14	4/19/01	SaltWtrSediment	QA2	х	X							1			.l	2	Total Sulfide pres. v	/ ZnAcetate 4-19-01	
L20541-18	4/19/01	SaltWtrSediment	QA2	X	× ×	75					- 2		203	na 1.	1	2	Total Sulfide pres. v	// ZnAcetate 4-19-01	\Box
L20541-19	4/19/01	SaltWtrSediment	QA2	X	X								7. ,		24 d	2		/ ZnAcetate 4-19-01]
					-		 								<u> </u>			·	\dashv
																			\exists
							-	-	├-							-			\dashv
							<u> </u>					-	 	<u> </u>	-				1
																			_
				 	 			_	├-	<u> </u>			-		ļ	-	<u> </u>		\dashv
				 	 		-	-	-		\vdash	\vdash	\vdash		 	 -	 		ᅦ
																			\Box
Additional Comm										Tota	Nun	ber o	of Cor	taine	rs:	8	J		
FULL RAW DA	ATA PACKAGE Please return	NEEDED signed <u>original</u> (CoC with data p	oack	age.												Requested TAT: Data Package Due:	14 Days 5/4/01	\exists
	, }	<u> </u>			1				T										_
RELINQUISHED E Signature	" []W [Manyon	er.		Date	4-2	0-0	1		EIVEI ature	D BY							Date	
Printed Name	Duc Nguyen				Time	•				ed Na	me							Time	
Organization	King County D	NR, Environmental	Laboratory			10	<i>0</i> 0		Orga	anizati	on								

Ingin Number: P20541

Denny Way Pre-construction-2001,

ingin Number: P205	641			Page: 1
		Murcer Street Tunnel	~~	grace
~ oject Number: 42	23001	Personne	1: JOKE, JB, SM	Allen
sample Number	[P20541-1	P20541-2	P20541-3	1
cator	DWMP-01	DWMP-02	DWMP-03	<u> </u>
Short Loc. Desc.	1		1	1
cator Desc.	1	T	-	1
Site	SEATTLE WATERFRONT	SEATTLE WATERFRONT	SEATTLE WATERFRONT	1
mple Depth	1 9 m	1 12 M	1 16 m	[
Collect Date	19-APR-01	1 9-APR-01	1 9-AY92-01	<u> </u>
mments	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3	i i
PERSONNEL	I SM JO	1 SM JO	1 sm Ju	
D DEPTH	111cm 10 cm 12 cm	liocn 9 cm 10 cm		m
SED SAMP RANGE	0-2 cm	1 0-2 cm		ı
D TYPE	23 130 23130 23130	123 930 23 930 23 930		NZO
TOE COND	I		1	1
THUE HT	1 & 2 for chem	I	I	1/2 for
ИE	1993 1006 1021	1 1057 1112 1127	 1222 1239 124	6 de
Pept., Matrix, Pro		1	1	i I
	3 SALTWTRSED NH3	• •	3 SALTWIRSED NH3	
	3 SALTWTRSED PSD	•	3 SALTWTRSED PSD	-
	3 [SALTWIRSED] TOC	3 SALTWIRSED TOC	3 SALTWIRSED TOC	
	3 SALTWIRSED TOTS	3 SALTWIRSED TOTS	3 SALTWIRSED TOTS	- {
	3 SALTWTRSED TOTSULFIDE	3 SALTWIRSED TOTSULFIDE	3 SALTWIRSED TOTSULFIDE	ļ
	3 SALTWTRSED TVS	3 SALTUTRSED TVS	3 SALTUTRSED TVS	1
-	6 SALTWTRSED AG-ICP	6 SALTWTRSED AG-1CP	6 SALTHTRSED AG-ICP	1
	6 SALTWIRSED AS-ICP	6 SALTWIRSED AS-ICP	6 SALTWIRSED AS-ICP	1
	6 SALTWTRSED CD-1CP	6 SALTWIRSED CD-1CP	6 SALTWIRSED CD-ICP	- 1
	6 SALTUTRSED CR-ICP	6 SALTWTRSED CR-ICP 6 SALTWTRSED CU-ICP	6 SALTWTRSED CR-ICP	ļ
	6 SALTWTRSED CU-ICP 6 SALTWTRSED HG-CVAA	6 SALTWTRSED CU-ICP 6 SALTWTRSED HG-CVAA	6	· ·
	6 SALTWIRSED NI - ICP	6 SALTWIRSED NI - ICP	6 SALTWIRSED NI-ICP	i
	6 SALTWIRSED PB-ICP	6 SALTWIRSED PB-ICP	6 SALTWIRSED PB-ICP	i
	to take in kara tak	To Take I will occupie to	A CONTRACTOR AND THE STATE OF T	,
	· ·	Commence of the Commence of th	A STATE OF THE STA	
	5,8,9,11,12 00	أماناها	/ Date cor	ntinue
Login # <u>L205</u> t	5,8,9,11,12 pr 4-11-01	TA1 61/5/17/	VIIA	
Workgroup		S. Plan: DIVI CALLY LA	X 753	
Entser_		S. Plan: DN, CHEMTA Login #: L 20541 - 1,12,324 PM	14-10-01	
Approved Moved				
		WKGP #: WG	- yyaqanada Bahlada	
		Entser #:		
		• •		
/. 1	ACAL IN IS IS OF I	Approved By:		
Login #	0541-10,14,18,19 4/201	Moved By:		
Workgroup Entser		MOVED BY:	,	
Approved				

Page: 3

Merces Street Turinel

Project Number: 42	23001	Personn	el:
Sample Number	P20541-4	P20541-5	P20541-6
Locator	DWMP-04	DWMP-05	DWMP-06
Short Loc. Desc.	1	[1
Locator Desc.	1	1	
Site	SEATTLE WATERFRONT	SEATTLE WATERFRONT	SEATTLE WATERFRONT
Sample Depth	1 23 m	1 4 m	1 20 m 1
Collect Date	1 9-APR-01	10 X-APR-0	1 9-APR-01 1
Comments	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3	[CHEM: comp-3 / TAX: rep-3
PERSONNEL	1 sm JO	* 5m JU	1 5m JO 1
SED DEPTH	1 17cm 17 cm 19 cm	1 6,6,45	1/7 cm 17 cm 17 cm1
SED SAMP RANGE	1. 0-2 cm	1 0-2 cm **	1 0-2 cm
SED TYPE	123NZO Z3NZO 23NZ		123N2023N20 23NZO
TIDE COND	I .		
TIDE HT	1	1	12 for ches
TIME	1,330 1343 1406	10900,928, 0900	1 2 fd des
Dept., Matrix, Prod	3 SALTWTRSED NH3 3 SALTWTRSED PSD 3 SALTWTRSED TOC 3 SALTWTRSED TOTS 3 SALTWTRSED TOTSULFIDE 3 SALTWTRSED TVS 6 SALTWTRSED AG-ICP 6 SALTWTRSED AS-ICP 6 SALTWTRSED CD-ICP 6 SALTWTRSED CT-ICP 6 SALTWTRSED CT-ICP 6 SALTWTRSED CU-ICP 6 SALTWTRSED CU-ICP 6 SALTWTRSED HG-CVAA 6 SALTWTRSED NI-ICP 6 SALTWTRSED NI-ICP 6 SALTWTRSED PB-ICP		3 SALTWTRSED NH3 3 SALTWTRSED PSD 3 SALTWTRSED TOC 3 SALTWTRSED TOTS 13 SALTWTRSED TOTSULFIDE 13 SALTWTRSED TOTSULFIDE 14 SALTWTRSED AG-1CP 16 SALTWTRSED AS-1CP 16 SALTWTRSED CD-1CP 16 SALTWTRSED CR-1CP 16 SALTWTRSED CU-1CP 16 SALTWTRSED NI-1CP 17 SALTWTRSED NI-1CP 17 SALTWTRSED NI-1CP 17 SALTWTRSED NI-1CP 17 SALTWTRSED NI-1CP 17 SALTWTRSED NI-1CP 18 SALTWTRSED NI-1CP
		ben 4m	continue

* Allan F nichelle JB, JO, Ki, JD

4.0 bib OC **

Denny Way Pre-construction

P ject Number: 423001		Personnel:				
Sample Number	P20541-7	P20541-8	[P20541-9			
ator	DWMP-07	DWMP-08	DWMP-09			
Short Loc. Desc.			1			
L ator Desc.	I	1				
Site	SEATTLE WATERFRONT	SEATTLE WATERFRONT	SEATTLE WATERFRONT			
Sple Depth	1 29 M	1 24	1 2 29			
Collect Date	1 09-APR-01	110-APR-01	10-APR-01			
Omments	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3			
Prosonnel	1 5M JO	150,50,5B,KL				
SED DEPTH	17 cm 17 cm 17 cm	1 17,10,16	17,17,7			
S SAMP RANGE	1 6-2 cm	0-2	10-2			
SED TYPE	123N20 23N20 23N	201 23420, 23420,	123N20, 23N20 1			
1 E COND	1	1	1			
TIDE HT	I		1 1			
1 IE	1431 1444 1458	1038,1100,1115	11143, 1143, 1157			
Dept., Matrix, Proc	1	1				
	3 SALTWIRSED NH3	3 SALTWIRSED NH3	3 SALTWIRSED NH3			
	3 SALTWIRSED PSD	3 SALTWIRSED PSD ·	3 SALTWIRSED PSD			
_	3 SALTWIRSED TOC	3 SALTWIRSED TOC	3 SALTWIRSED TOC			
	3 SALTWIRSED TOTS	3 SALTWIRSED TOTS	3 SALTWIRSED TOTS			
	3 SALTWIRSED TOTSULFIDE	3 SALTWIRSED TOTSULFIDE	3 SALTWIRSED TOTSULFIDE			
	3 SALTWIRSED TVS	3 SALTWIRSED TVS	3 SALTHTRSED TVS			
	6 SALTWIRSED AG-1CP	6 SALTWTRSED AG-ICP	6 SALTWTRSED AG-ICP			
	6 SALTWTRSED AS-ICP	6 SALTWTRSED AS-ICP	6 SALTHTRSED AS-ICP			
	6 SALTWTRSED CD-ICP	6 SALTWIRSED CD-ICP	6 SALTWIRSED CD-ICP			
	6 SALTWITRSED CR-ICP	6 SALTWIRSED CR-ICP	6 SALTWTRSED CR-ICP			
	6 SALTWTRSED CU-ICP	6 SALTWTRSED CU-ICP	6 SALTWIRSED CU-ICP			
	6 SALTWTRSED HG-CVAA	6 SALTWTRSED HG-CVAA	6 SALTWIRSED HG-CVAA			
	6 SALTWIRSED NI-ICP	6 SALTWTRSED NI-ICP	6 SALTWIRSED NI - ICP			
-	6 SALTWIRSED PB-ICP	6 SALTWTRSED PB-ICP	6 SALTWTRSED PB-ICP			

annia Numban	10205/1-10	P20541-11	10205/4-42
mple Number	P20541-10	P20341-11	P20541-12
cator	DIMP-10	DWMP-11	DUMP-12
ort Loc. Desc.	1	1	1
ocator Desc.	1	I	
te	SEATTLE WATERFRONT	SEATTLE WATERFRONT	SEATTLE WATERFRONT
mple Depth	17	1	
llect Date	1 19 APRIL	1	I
aments	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3
RSONNEL	l .	I	1
D DEPTH	17.7.7		I
D SAMP RANGE	10-2	1 0	1
D TYPE	30ND, 30P30	30/10	1
DE COND	1 1	ı	1 -1
DE HT	4		1
ME	13554, 1400, 1410	1410	[
pt., Matrix, Prod	· · · · · · · · · · · · · · · · · · ·		1
	3 SALTWTRSED NH3	3 SALTWTRSED NH3	3 SALTWTRSED NH3
	3 SALTWTRSED PSD	3 SALTWIRSED PSD	3 SALTWTRSED PSD
	3 SALTWIRSED TOC	3 SALTWIRSED TOC	3 SALTWTRSED TOC
	3 SALTWIRSED TOTS	3 SALTWTRSED TOTS	3 SALTWIRSED TOTS
	3 SALTUTRSED TOTSULFIDE	3 SALTWIRSED TOTSULFIDE	3 SALTWTRSED TOTSULFIDE
	3 SALTWTRSED TVS 6 SALTWTRSED AG-ICP	3 SALTWIRSED TVS	3 SALTUTRSED TVS
-	6 SALTWTRSED AG-ICP 6 SALTWTRSED AS-ICP	6 SALTWIRSED AG-ICP	6 SALTWTRSED AG-ICP
	6 SALTWIRSED CD-ICP	6 SALTWTRSED AS-ICP 6 SALTWTRSED CD-ICP	6 SALTWTRSED AS-1CP
	6 SALTWIRSED CR-ICP	6 SALTWIKSED CD-1CP	6 SALTWTRSED CD-ICP
			1 1 1
	6 SALTWIRSED CU-ICP	6 SALTUTRSED CU-1CP	6 SALTWIRSED CU-1CP
	6 SALTWIRSED HG-CVAA	6 SALTWIRSED HG-CVAA	6 SALTWTRSED HG-CVAA
	6 SALTWTRSED NI-ICP	6 SALTWTRSED NI-ICP	6 SALTWTRSED N1-1CP 6 SALTWTRSED PB-1CP
			IA ISALIUIUGENIUUATIO

H25 Smell in tivit of but not noticeable in Seds

Sed Black

Page: 7

i pject Number: 423001		Personnel:				
Sample Number	P20541-10	P20541-11	P20541-12			
l sator	[DWMP-10	DWMP-11	DWMP-12			
Short Loc. Desc.		1	1			
t cator Desc.	1	1	1			
Site	SEATTLE WATERFRONT	SEATTLE WATERFRONT	SEATTLE WATERFRONT			
ple Depth	1	1 19	1 29 1			
Collect Date	1	10APR OI	IOAPR			
ments	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3	CHEM: comp-3 / TAX: rep-3			
PERSONNEL	1	1	1 1			
DEPTH	1	15,12,9	1,17,17,17			
SAMP RANGE						
SED TYPE	1	123W20, 23 W20, 236	120 NZO 2012/0, 1201			
1 IE COND	1	1				
TIDE HT	I	I ,				
) tE		1210,1225, 1240	1300,1320,13261			
Dept., Hatrix, Prod	d [
	3 SALTWTRSED NH3	3 SALTWTRSED NH3	3 SALTHTRSED NH3 AREP			
	3 SALTWTRSED PSD	3 SALTWTRSED PSD	3 SALTWIRSED PSD			
	3 SALTWTRSED TOC	3 SALTWTRSED TOC	3 SALTWTRSED TOC			
	3 SALTWIRSED TOTS	3 SALTWIRSED TOTS	3 SALTWIRSED TOTS			
	3 SALTWIRSED TOTSULFIDE	3 SALTWTRSED TOTSULFIDE	3 SALTWTRSED TOTSULFIDE			
	3 SALTWTRSED TVS	3 SALTWTRSED TVS	3 SALTWTRSED TVS			
	6 SALTWIRSED AG-ICP	6 SALTWTRSED AG-ICP	6 SALTWIRSED AG-1CP			
	6 SALTWIRSED AS-ICP	6 SALTWIRSED AS-1CP	6 SALTWIRSED AS-ICP			
	6 SALTWIRSED CD-ICP	6 SALTWIRSED CD-ICP	6 SALTHTRSED CD-ICP			
	6 SALTWIRSED CR-ICP	6 SALTWIRSED CR-1CP	6 SALTWIRSED CR-1CP			
-	- I I	6 SALTWIRSED CHICP				
	6 SALTWIRSED CU-ICP		: : : : : : : : : : : : : : : : : : :			
	6 SALTWIRSED HG-CVAA	6 SALTWIRSED HG-CVAA	6 SALTWTRSED HG-CVAA			
	6 SALTWIRSED NI-ICP	6 SALTWIRSED NI - ICP	6 SALTWTRSED NI-ICP			
	6 SALTWTRSED PB-ICP	6 SALTWIRSED PB-ICP	6 SALTWTRSED PB-1CP			

Login Number: P20541

Denny Way Pre - Construction Page: 9

Project Number: 42	3001	Pers	onnel: JB JO, ICL, JH, R	lar
ample Number	P20541-13	P20541-14	P20541-15	1
ocator	DUMP-12	DWMP-13	DUMP-14	1
thort Loc. Desc.	1			1
ocator Desc.	1	1	1	1
ite	SEATTLE WATERFRONT	SEATTLE WATERFRONT	SEATTLE WATERFRONT	<u> </u>
ample Depth	1	1 5	I	l
Collect Date	149APR	19-APR	1	1
coments	CHEM FREP	CHEM: comp-3 / TAX: rep-3	[CHEM: comp-3 / TAX: rep-3	1
PERSONNEL	/		1	1
ED DEPTH	18	18,6,9	1	ı
ED SAMP RANGE	10-7	10-2		ı
ED TYPE	143/530.	43530,32531	3253.1	1
IDE COND			1	1
IDE HT	1	1	1	1
IME 160.	68 x500	1500 1615, 1630	l	j
ept., Matríx, Prod		3 SALTWTRSED NH3 3 SALTWTRSED PSD 3 SALTWTRSED TOC 3 SALTWTRSED TOTS 3 SALTWTRSED TOTSULFIDE 3 SALTWTRSED TVS 6 SALTWTRSED AG-ICP 6 SALTWTRSED AS-ICP 6 SALTWTRSED CD-ICP 6 SALTWTRSED CC-ICP 6 SALTWTRSED CC-ICP 6 SALTWTRSED CU-ICP 6 SALTWTRSED CU-ICP 6 SALTWTRSED CU-ICP		

Page: 9

F iject Number: 423001			Personnel:			
Sample Number	P20541-13	,	P20541-14		P20541-15	1
1 ;ator	DWMP-12		DWMP-13		DWMP-14	1
Short Loc. Desc.	1			1		1
l ator Desc.	1		1	1		1
Site	SEATTLE WATER	FRONT	SEATTLE WATER	RONT	SEATTLE WATERFRONT	1
Sple Depth	1 29		1		13	
Collect Date	IDAPR	11	1	ı		I
Comments	CHEM FREP		CHEM: comp-3 /	TAX: rep-3	CHEM: comp-3 / TAX: rep-3	1
PFPSONNEL	1		1	<u> </u>		<u> </u>
SE DEPTH	11717	15	11717-1	1	15,12,10	Į
STO SAMP RANGE	10-2		1	1		1
SED TYPE	120N40	,20140,2014	20140,	L	23 N40, 23N40, 23N4	6
T E COND	1		I	1		Ī
TIDE HT	1		I	1		1
T E	11350,	1350,1400	1510,15	1	1600, 1600, 1545	Ī
Dept., Matrix, Prod	· ·	Lucz			Z Lovernosolius?	Ī
	3 SALTWTRSED		3 SALTWTRSED 3 SALTWTRSED	•	3 SALTWTRSED NH3 3 SALTWTRSED PSD	<u> </u>
	3 SALTWIRSED		3 SALTWIRSED	•	3 SALTWIRSED F30	! !
_	3 SALTWIRSED	•	3 SALTWIRSED		3 SALTWIRSED TOTS	i i
	3 SALTWIRSED		3 SALTWIRSED	<u>.</u>	3 SALTWIRSED TOTSULFIDE	l İ
	3 SALTWIRSED	•	3 SALTWIRSED		S SALTWTRSED TVS	i I
	6 SALTWIRSED	1	6 SALTWIRSED	· · · · · · · · · · · · · · · · · · ·	S SALTWIRSED AG-ICP	i i
	6 SALTWIRSED	:	6 SALTWTRSED	· · · · · · · · · · · · · · · · · · ·	S SALTWTRSED AS-ICP	i
	6 SALTWIRSED		6 SALTWTRSED		S SALTWIRSED CD - I CP	i
,	6 SALTWIRSED	•	6 SALTWTRSED		S SALTWTRSED CR-ICP	i
	6 SALTWIRSED		6 SALTWIRSED	•	S SALTWIRSED CU-ICP	i
4	6 SALTWIRSED		6 SALTWTRSED		S SALTWTRSED HG-CVAA	ĺ
	6 SALTWIRSED		6 SALTWIRSED		S SALTWIRSED NI - ICP	
-	6 SALTWIRSED		6 SALTWIRSED		S SALTWIRSED PB-ICP	
	1- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	1	1= 1=			<u> </u>

Beautiful